



**Formosa Plastics®**

**Formosa Plastics Corporation, Texas**  
201 Formosa Drive • P.O. Box 700  
Point Comfort, TX 77978  
Telephone: 361-987-7000

October 30, 2018

Certified Mail: 7018 0360 0000 5327 8750

Air Section Manager, Region 14  
Texas Commission on Environmental Quality  
6300 Ocean Drive, Suite 1200  
Corpus Christi, Texas 78412

RE: Formosa Plastics Corporation, Texas  
TCEQ Air Quality Account No. CB-0038-Q  
FTIR Quarterly Report (July 2018 – September 2018)

Dear Air Section Manager:

By letter dated January 10, 1996, Formosa Plastics Corporation, Texas (FPC-TX) is required to submit written reports summarizing the FTIR data. The enclosed quarterly report includes information specified by Item 5, Section (c) of the January 10, 1996 letter. This report includes FTIR data from the third quarter of 2018.

By letter dated November 25, 1997, FPC-TX was asked to submit chemical-specific polar plots of 30-minute average concentrations versus wind direction for days when a trigger level was exceeded. Enclosed are chemical-specific polar plots for those days in which the FTIR System detected a concentration that exceeded the trigger levels. Additionally, FPC-TX was asked to submit an electronic copy of the FTIR Quarterly report. A disk containing the third quarter 2018 validated data for the Point Comfort and North sites is enclosed.

During the third quarter of 2018, there were no confirmed exceedances of the trigger levels based on [block] 30-minute averages and no confirmed exceedances of the trigger levels based on [running] 30-minute averages. An exceedance is determined by Spectrum Environmental Solutions (SES) through validation of the FTIR data.

October 30, 2018

Page 2

---

Should you have any questions please contact Vanessa Peppers by e-mail at [VanessaP@ftpc.fpcusa.com](mailto:VanessaP@ftpc.fpcusa.com).

Sincerely,



Rick Crabtree  
Vice President/General Manager  
Formosa Plastics Corporation, Texas

Attachments

**Formosa Plastics Corporation, Texas**  
**Summary of PC FTIR Downtime**  
**3rd Quarter 2018**

<b>Date(s)</b>	<b>Cause(s)</b>	<b>Corrective Action(s)</b>
7/11/2018-7/16/2018 8/6/2018 8/16/2018	Data loss due to FTIR system failure.	Data collection resumed when system recovered and restarted.
7/29/2018-7/30/2018	Approximately 50% data loss during upgrade to the purge gas delivery system.	Data resumed after installation of a newer version of NuWave™ software a gas challenge system identical to North FTIR.
9/12/2018-9/15/2018	Data loss due to low signal caused by inclement weather.	Data collection resumed when weather cleared.
9/19/2018-9/25/2018	>90% data loss due FTIR low signal caused by increasingly fouled optics	The optics were changed out and the system returned to service on September 25.

**Formosa Plastics Corporation, Texas**  
**3rd Quarter 2018 PC FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels**  
**Validated Exceedances of the 30-Minute Block Averaged Trigger Levels\*\***

Month/Year	Date*	Time	Chemical	Concentrations (ppb)	Trigger Limit (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			There were no validated exceedances in the third quarter of 2018.				

Please Note: Polar plots generated by FPC-TXs' FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.

Formosa Plastics Corporation, Texas

3rd Quarter 2018 PC FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels

Validated Exceedances of the 30-Minute Running Averaged Trigger Levels \*\*

Month/Year	Date	Time	Chemical	Concentrations (ppb)	Trigger Limit (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			There were no validated exceedances in the third quarter of 2018.				

Please Note: Polar plots generated by FPC-TXs FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.

**Formosa Plastics Corporation, Texas**  
**Emergency Activation Release System (EARS) - SUMMA Canister Results**  
**3rd Quarter 2018**

Date	SUMMA Canister Station	Chemical	Concentrations (ppb)	Detection Limits (ppb)
		Vinyl Chloride	There were no EARS events during the third quarter of 2018.	
		Ethylene Dichloride		
		Benzene		
		1, 3 Butadiene		
		Ethylene		



To: Stephanie Schmidt-Mayfield  
Formosa Plastics  
Point Comfort, Texas

From: Bryan Benaway (512) 934-1752

Date: October 26, 2018

Subject: Formosa FPC AAMS Gas Challenge Results for July - September 2018

Gas challenges are performed weekly against the OP-FTIR instrument with gases containing the target compounds listed in Table 1. The number of gas challenges performed was limited by instrument and gas standard availability. As such, a total of six independent gas challenges were performed for Q3 2018. Because of its corrosive nature, hydrogen chloride (HCl) was purchased in a separate cylinder and was injected in the calibration cell separate from the rest of the target compounds. The remaining compounds of interest (DCA and VOCs) are all contained within the same gas cylinder. Table 1 lists the challenge compounds and their expected spike concentrations. The expected spike concentrations are arrived at by multiplying the certified cylinder concentrations by the ratio of the calibration cell path length to the open path length (0.10m/314m).

The gas challenge system was not operational remotely until 8/20/2018. There was a single gas challenge performed by staff on-site on 8/1/2018. From 8/20/2018, weekly gas challenges were performed up until 9/14/2018 after which time it was discovered that the challenge gas cylinders had developed leaks at the pressure regulator and subsequently emptied. Replacement gases and two sets of backups have been ordered and gas challenges will resume once those gases arrive. An HCl standard mixture was not available for gas challenges until 8/20/2018. It should be noted that the KBr windows for the gas challenge validation cell were not in optimal condition. Replacement parts were ordered and were installed on 9/26/2018.

**Table 1. Formosa PC OP-FTIR Gas Challenge Mixtures**

<b>Compound</b>	<b>Compound FTIR Code</b>	<b>Expected Spike Level (ppm)</b>
1,3 Butadiene	BUT	0.035
Benzene	C6H6	0.086
Ethylene	C2H4	0.035
Ethylene Oxide	ETO	0.068
Vinyl Chloride	VCl	0.035
1,2 Dichloroethane	DCA	0.069





Hydrogen Chloride	HCl	0.018
-------------------	-----	-------

A total of 6 challenges were performed during this quarter. All of the gas challenges performed for the 3rd quarter 2018 resulted in acceptable recoveries with the following exceptions:

- DCA recovered outside criteria low on 8/31/2018 and 9/7/2018.
- C6H6 recovered outside criteria low on 8/20/2018 and 9/7/2018 and recovered outside criteria high on 8/24/2018, 8/31/2018, and 9/14/2018.
- ETO recovered outside criteria high on 8/31/2018 and 9/7/2018.
- BUT recovered outside criteria high on 8/24/2018.
- VCl recovered outside criteria high on 8/24/2018 and 8/31/2018.

Analyte spike recovery is expressed as a percentage and calculated by taking the ratio of the actual spike value divided by the expected spike value. The actual spike is calculated by averaging the equilibrium points during a run.

#### **July 2018**

No gas challenges were conducted in July.

#### **August 2018**

Four gas challenges were conducted in August. Recoveries were generally acceptable for all compounds in August, with the aforementioned exceptions.

#### **September 2018**

Two gas challenges were conducted in September. Recoveries were generally acceptable for all compounds in September, with the aforementioned exceptions.

#### **Conclusion**

Gas challenge recoveries for the 3<sup>rd</sup> quarter of 2018 all fell within the 70-130% criteria for C2H4 and HCl. All other compounds had gas challenge results outside of the 70-130% criteria.

Recovery statistics for the quarter are presented in Table 2. At the bottom of the table, average recoveries for each compound (for the quarter) are given. Individual results are color-coded. **Green** highlights indicate that recovery fell within the 70% to 130% range, while results highlighted in **yellow** fell within a 50% to 150% range. Results outside of the 50% to 150% range are highlighted in **red**.





**Table 2. Recovery Percentages Summary for 3<sup>rd</sup> Quarter 2018**

<b>Date</b>	<b>C6H6</b>	<b>ETO</b>	<b>DCA</b>	<b>C2H4</b>	<b>BUT</b>	<b>VCI</b>	<b>HCl</b>
<b>8/1/2018</b>	118	73	124	97	94	89	<sup>1</sup>
<b>8/20/2018</b>	53	87	97	114	110	114	112
<b>8/24/2018</b>	180	92	97	110	145	137	107
<b>8/31/2018</b>	186	141	52	107	106	142	110
<b>9/7/2018</b>	65	143	69	121	113	103	107
<b>9/14/2018</b>	220	78	70	99	98	107	123
<b>Q3 2018Averages</b>	<b>137</b>	<b>102</b>	<b>85</b>	<b>108</b>	<b>111</b>	<b>115</b>	<b>112</b>

<sup>1</sup>HCl was not available for gas challenge until 8/20/2018.



**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
July 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
July 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa Point Comfort AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCl_AVE (ppm)	VCl_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
7/1/2018	100	28196	397	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.0	140
7/2/2018	100	27992	396	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.3	140
7/3/2018	100	27538	395	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.7	157
7/4/2018	100	28361	398	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8	130
7/5/2018	100	25637	396	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	107
7/6/2018	100	26639	403	2.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	208
7/7/2018	100	26061	403	2.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	94
7/8/2018	100	25568	391	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8	161
7/9/2018	100	28187	394	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.4	125
7/10/2018	100	27454	398	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	121
7/11/2018	77	27063	398	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	150
7/12/2018	0											4.3	146
7/13/2018	0											5.8	136
7/14/2018	0											6.1	138
7/15/2018	0											6.5	149
7/16/2018	42	27098	394	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	153
7/17/2018	100	27638	394	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.5	156
7/18/2018	100	28379	393	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.6	164
7/19/2018	100	28763	392	2.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	165
7/20/2018	100	26169	357	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	163
7/21/2018	100	28586	392	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	165
7/22/2018	100	28305	391	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7	176
7/23/2018	100	29605	389	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	166
7/24/2018	100	29257	390	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.7	145
7/25/2018	100	25807	385	2.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	133
7/26/2018	100	23354	389	2.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1	143
7/27/2018	100	26076	385	2.28	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	124
7/28/2018	100	26851	377	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	133
7/29/2018	56	28225	374	2.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.8	136
7/30/2018	56	27076	387	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	156
7/31/2018	100	27792	379	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	195

## Daily Processed Summary (Average, Maximum)

Average	82	27321	390	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	148
Maximum Value	100	29605	403	2.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/01/18 12:30 AM	29200	396	2.07	ND	ND	ND	ND	ND	ND	ND	7.8	132
07/01/18 01:00 AM	29237	395	2.06	ND	ND	ND	ND	ND	ND	ND	7.6	134
07/01/18 01:30 AM	29194	396	2.07	ND	ND	ND	ND	ND	ND	ND	7.9	134
07/01/18 02:00 AM	29319	396	2.07	ND	ND	ND	ND	ND	ND	ND	7.2	136
07/01/18 02:30 AM	29329	397	2.07	ND	ND	ND	ND	0.00049	ND	ND	6.9	141
07/01/18 03:00 AM	29079	397	2.07	ND	ND	ND	ND	ND	ND	ND	8.7	132
07/01/18 03:30 AM	29000	397	2.07	ND	ND	ND	ND	ND	ND	ND	8.0	139
07/01/18 04:00 AM	28676	396	2.06	ND	ND	ND	ND	ND	ND	ND	8.2	143
07/01/18 04:30 AM	28673	397	2.07	ND	ND	ND	ND	ND	ND	ND	7.0	147
07/01/18 05:00 AM	28558	398	2.11	ND	ND	ND	ND	ND	ND	ND	6.6	158
07/01/18 05:30 AM	28755	398	2.11	ND	ND	ND	ND	ND	ND	ND	5.7	164
07/01/18 06:00 AM	28687	398	2.11	ND	ND	ND	ND	ND	ND	ND	5.2	168
07/01/18 06:30 AM	28677	399	2.12	ND	ND	ND	ND	ND	ND	ND	4.6	163
07/01/18 07:00 AM	28676	400	2.14	ND	ND	ND	ND	0.00054	0.00156	ND	4.4	161
07/01/18 07:30 AM	28680	399	2.12	ND	ND	ND	ND	ND	ND	ND	4.6	169
07/01/18 08:00 AM	28505	399	2.09	ND	ND	ND	ND	ND	ND	ND	5.5	171
07/01/18 08:30 AM	28511	399	2.14	ND	ND	ND	ND	ND	ND	ND	5.8	169
07/01/18 09:00 AM	28486	398	2.10	ND	ND	ND	ND	ND	ND	ND	5.8	165
07/01/18 09:30 AM	27661	397	2.08	ND	ND	ND	ND	ND	ND	ND	6.6	169
07/01/18 10:00 AM	27372	397	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	168
07/01/18 10:30 AM	27042	396	2.07	ND	ND	0.00517	ND	ND	ND	ND	6.2	175
07/01/18 11:00 AM	27006	396	2.06	ND	ND	ND	ND	ND	ND	ND	6.0	183
07/01/18 11:30 AM	26291	396	2.06	ND	ND	0.00443	ND	ND	ND	ND	6.9	173
07/01/18 12:00 PM	26628	396	2.05	ND	ND	ND	ND	ND	ND	ND	7.2	176
07/01/18 12:30 PM	26455	396	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	171
07/01/18 01:00 PM	26411	396	2.03	ND	ND	ND	ND	ND	ND	ND	6.8	171
07/01/18 01:30 PM	26650	396	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	168
07/01/18 02:00 PM	26391	395	2.04	ND	ND	ND	ND	ND	ND	ND	6.8	167
07/01/18 02:30 PM	27292	396	2.04	ND	ND	ND	ND	ND	ND	ND	8.4	126
07/01/18 03:00 PM	27303	397	2.04	ND	ND	ND	ND	ND	ND	ND	8.6	129
07/01/18 03:30 PM	27577	396	2.04	ND	ND	ND	ND	ND	ND	ND	9.2	125
07/01/18 04:00 PM	27963	395	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	124
07/01/18 04:30 PM	28620	396	2.04	ND	ND	ND	ND	ND	ND	ND	9.7	118
07/01/18 05:00 PM	28653	395	2.04	ND	ND	ND	ND	ND	ND	ND	10.2	117
07/01/18 05:30 PM	28422	394	2.05	ND	ND	ND	ND	ND	ND	ND	10.1	115
07/01/18 06:00 PM	28263	395	2.05	ND	ND	ND	ND	0.00071	ND	ND	10.5	118
07/01/18 06:30 PM	28200	395	2.05	ND	ND	ND	ND	ND	ND	ND	10.7	117
07/01/18 07:00 PM	28613	395	2.04	ND	ND	ND	ND	ND	ND	ND	10.8	119
07/01/18 07:30 PM	28384	396	2.05	ND	ND	ND	ND	ND	ND	ND	10.5	115
07/01/18 08:00 PM	28507	396	2.05	ND	ND	ND	ND	ND	ND	ND	9.5	118
07/01/18 08:30 PM	28720	396	2.05	ND	0.00090	ND	ND	ND	ND	ND	9.6	119
07/01/18 09:00 PM	28331	398	2.05	ND	ND	ND	ND	ND	ND	ND	8.2	129
07/01/18 09:30 PM	28481	398	2.07	ND	ND	ND	ND	ND	ND	ND	7.8	132
07/01/18 10:00 PM	28533	397	2.07	ND	ND	ND	ND	ND	ND	ND	7.8	135
07/01/18 10:30 PM	28472	397	2.08	ND	ND	ND	ND	ND	ND	ND	7.3	133
07/01/18 11:00 PM	28562	397	2.08	ND	ND	ND	ND	ND	ND	ND	6.9	134
07/01/18 11:30 PM	28774	397	2.08	ND	ND	ND	ND	ND	ND	ND	6.5	132
07/02/18 12:00 AM	28582	396	2.09	ND	ND	ND	ND	ND	ND	ND	6.1	136

## Daily Processed Summary (Average, Maximum)

Average	28196	397	2.07	BDL	0.00002	0.00020	BDL	0.00004	0.00003	BDL	7.0	140
Maximum Value	29329	400	2.14	BDL	0.00090	0.00517	BDL	0.00071	0.00156	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	CGHG_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/02/18 12:30 AM	28925	397	2.09	ND	ND	ND	ND	ND	ND	ND	6.3	136
07/02/18 01:00 AM	29185	398	2.09	ND	ND	ND	ND	ND	ND	ND	5.5	139
07/02/18 01:30 AM	29334	398	2.12	ND	ND	ND	ND	ND	0.00152	ND	5.4	152
07/02/18 02:00 AM	29178	399	2.16	ND	ND	ND	ND	ND	ND	ND	4.8	154
07/02/18 02:30 AM	28639	400	2.15	ND	ND	ND	ND	0.00057	ND	ND	4.0	158
07/02/18 03:00 AM	28539	399	2.16	ND	ND	ND	ND	ND	ND	ND	4.6	156
07/02/18 03:30 AM	28864	399	2.12	ND	ND	0.01089	ND	ND	ND	ND	3.9	145
07/02/18 04:00 AM	28986	399	2.16	ND	ND	ND	ND	ND	ND	ND	3.8	158
07/02/18 04:30 AM	28900	401	2.16	ND	0.00114	ND	ND	ND	ND	ND	4.4	162
07/02/18 05:00 AM	28875	401	2.16	ND	ND	ND	ND	ND	ND	ND	4.4	162
07/02/18 05:30 AM	28736	400	2.14	ND	ND	ND	ND	ND	ND	ND	4.4	163
07/02/18 06:00 AM	28570	400	2.13	ND	ND	ND	ND	ND	ND	ND	4.0	166
07/02/18 06:30 AM	28606	401	2.12	ND	ND	ND	ND	ND	ND	ND	3.5	165
07/02/18 07:00 AM	28385	401	2.14	ND	ND	ND	ND	ND	ND	ND	3.1	149
07/02/18 07:30 AM	28471	399	2.14	ND	ND	ND	ND	ND	ND	ND	3.4	163
07/02/18 08:00 AM	28650	398	2.13	ND	ND	ND	ND	ND	ND	ND	3.7	163
07/02/18 08:30 AM	28470	397	2.10	ND	ND	ND	ND	0.00050	ND	ND	4.4	176
07/02/18 09:00 AM	27997	396	2.07	ND	ND	ND	ND	ND	ND	ND	4.8	167
07/02/18 09:30 AM	27251	396	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	174
07/02/18 10:00 AM	26528	395	2.05	ND	ND	0.00408	ND	ND	ND	ND	5.4	184
07/02/18 10:30 AM	26326	396	2.06	ND	ND	ND	ND	ND	ND	ND	4.2	175
07/02/18 11:00 AM	25981	394	2.05	ND	ND	ND	ND	ND	ND	ND	4.5	172
07/02/18 11:30 AM	25688	395	2.05	ND	ND	ND	0.00326	ND	ND	ND	4.7	167
07/02/18 12:00 PM	25437	395	2.05	ND	ND	ND	ND	ND	ND	ND	3.6	176
07/02/18 12:30 PM	25511	395	2.04	ND	ND	ND	ND	0.00053	ND	ND	4.1	147
07/02/18 01:00 PM	25623	394	2.04	ND	0.00098	ND	ND	ND	ND	ND	5.3	104
07/02/18 01:30 PM	25852	393	2.03	ND	ND	ND	ND	ND	ND	ND	6.4	115
07/02/18 02:00 PM	26920	393	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	115
07/02/18 02:30 PM	26918	393	2.04	ND	ND	ND	ND	ND	ND	ND	6.7	127
07/02/18 03:00 PM	27576	394	2.04	ND	ND	ND	ND	ND	ND	ND	7.5	122
07/02/18 03:30 PM	28033	395	2.04	ND	ND	ND	0.01065	ND	ND	ND	8.3	117
07/02/18 04:00 PM	27994	395	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	121
07/02/18 04:30 PM	27943	394	2.03	ND	ND	ND	ND	ND	ND	ND	9.1	117
07/02/18 05:00 PM	28241	393	2.03	ND	ND	ND	ND	0.00062	ND	ND	9.7	119
07/02/18 05:30 PM	28119	393	2.03	ND	ND	ND	ND	ND	ND	ND	9.9	119
07/02/18 06:00 PM	28146	393	2.03	ND	ND	ND	ND	ND	ND	ND	10.0	115
07/02/18 06:30 PM	28325	392	2.03	ND	ND	ND	ND	ND	0.00114	ND	8.0	126
07/02/18 07:00 PM	28636	392	2.03	ND	ND	ND	ND	ND	ND	ND	7.3	120
07/02/18 07:30 PM	28397	393	2.05	ND	ND	ND	ND	ND	ND	ND	6.5	126
07/02/18 08:00 PM	27802	395	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	140
07/02/18 08:30 PM	27935	396	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	138
07/02/18 09:00 PM	28397	397	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	142
07/02/18 09:30 PM	28604	396	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	135
07/02/18 10:00 PM	28737	397	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	138
07/02/18 10:30 PM	28815	397	2.08	ND	ND	ND	ND	ND	ND	ND	5.8	137
07/02/18 11:00 PM	28795	395	2.08	ND	ND	ND	ND	ND	ND	ND	6.0	134
07/02/18 11:30 PM	28694	396	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	139
07/03/18 12:00 AM	29084	396	2.07	ND	ND	ND	ND	ND	ND	ND	5.7	141

## Daily Processed Summary (Average, Maximum)

Average	27992	396	2.08	BDL	0.00004	0.00031	0.00029	0.00005	0.00006	BDL	5.3	140
Maximum Value	29334	401	2.16	BDL	0.00114	0.01089	0.01065	0.00062	0.00152	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/03/18 12:30 AM	29372	396	2.08	ND	ND	ND	ND	ND	ND	ND	4.4	146
07/03/18 01:00 AM	29596	398	2.09	ND	ND	ND	ND	ND	ND	ND	3.9	142
07/03/18 01:30 AM	29676	399	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	136
07/03/18 02:00 AM	29668	399	2.09	ND	ND	ND	0.00396	ND	ND	ND	4.4	138
07/03/18 02:30 AM	29729	399	2.08	ND	ND	0.00484	ND	ND	ND	ND	3.6	140
07/03/18 03:00 AM	29462	398	2.08	ND	ND	ND	ND	ND	ND	ND	4.1	139
07/03/18 03:30 AM	29421	398	2.09	ND	ND	ND	ND	ND	ND	ND	3.4	151
07/03/18 04:00 AM	29480	398	2.12	ND	ND	ND	ND	ND	ND	ND	3.4	158
07/03/18 04:30 AM	29529	398	2.13	ND	ND	ND	ND	ND	ND	ND	3.8	166
07/03/18 05:00 AM	29611	398	2.11	ND	ND	ND	ND	ND	ND	ND	4.0	163
07/03/18 05:30 AM	29619	398	2.11	ND	ND	ND	ND	ND	ND	ND	4.1	162
07/03/18 06:00 AM	29533	401	2.13	ND	ND	ND	ND	ND	ND	ND	3.5	158
07/03/18 06:30 AM	29217	399	2.12	ND	ND	ND	ND	ND	ND	ND	3.7	168
07/03/18 07:00 AM	29155	400	2.12	ND	ND	ND	0.00329	ND	ND	ND	3.2	157
07/03/18 07:30 AM	29140	398	2.10	ND	ND	ND	ND	ND	ND	ND	3.7	172
07/03/18 08:00 AM	29208	397	2.08	ND	ND	ND	ND	ND	ND	ND	4.6	174
07/03/18 08:30 AM	29183	397	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	177
07/03/18 09:00 AM	29055	397	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	173
07/03/18 09:30 AM	28879	396	2.06	ND	0.00075	ND	ND	ND	ND	ND	5.3	188
07/03/18 10:00 AM	28143	394	2.04	ND	ND	ND	ND	ND	ND	ND	4.4	216
07/03/18 10:30 AM	27460	393	2.03	ND	ND	ND	ND	ND	ND	ND	4.7	197
07/03/18 11:00 AM	26655	392	2.03	ND	ND	ND	ND	ND	ND	ND	4.6	194
07/03/18 11:30 AM	25810	392	2.03	ND	ND	ND	ND	ND	ND	ND	5.5	173
07/03/18 12:00 PM	25081	391	2.02	ND	ND	ND	ND	ND	ND	ND	5.1	182
07/03/18 12:30 PM	24095	390	2.01	ND	ND	ND	ND	0.00304	ND	ND	5.4	192
07/03/18 01:00 PM	23421	392	2.02	ND	ND	ND	ND	0.00058	ND	ND	5.4	176
07/03/18 01:30 PM	24035	392	2.02	ND	0.00075	ND	ND	ND	ND	ND	5.9	151
07/03/18 02:00 PM	23969	391	2.00	ND	ND	ND	ND	ND	ND	ND	5.3	179
07/03/18 02:30 PM	24329	391	2.01	ND	0.00061	ND	ND	ND	ND	ND	5.7	175
07/03/18 03:00 PM	24962	392	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	176
07/03/18 03:30 PM	24306	391	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	156
07/03/18 04:00 PM	24585	392	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	158
07/03/18 04:30 PM	24844	394	2.01	ND	ND	ND	ND	ND	ND	ND	6.5	162
07/03/18 05:00 PM	25077	393	2.01	ND	ND	ND	ND	ND	ND	ND	7.3	127
07/03/18 05:30 PM	24636	393	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	129
07/03/18 06:00 PM	25253	392	2.01	ND	ND	ND	ND	ND	ND	ND	7.2	139
07/03/18 06:30 PM	25421	394	2.02	ND	ND	ND	ND	ND	ND	ND	7.2	132
07/03/18 07:00 PM	26601	393	2.04	ND	ND	ND	ND	ND	ND	ND	7.0	131
07/03/18 07:30 PM	27001	392	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	136
07/03/18 08:00 PM	27691	393	2.05	ND	ND	ND	ND	ND	0.00168	ND	5.7	139
07/03/18 08:30 PM	28113	395	2.06	ND	ND	0.00442	ND	ND	ND	ND	4.9	138
07/03/18 09:00 PM	28172	395	2.07	ND	ND	ND	ND	ND	ND	ND	4.6	135
07/03/18 09:30 PM	28558	396	2.07	ND	ND	ND	ND	0.00041	ND	ND	5.6	138
07/03/18 10:00 PM	28667	396	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	137
07/03/18 10:30 PM	29273	395	2.07	ND	ND	ND	ND	ND	ND	ND	4.4	140
07/03/18 11:00 PM	29109	394	2.08	ND	0.00070	ND	ND	ND	ND	ND	4.8	144
07/03/18 11:30 PM	29030	394	2.08	ND	ND	ND	ND	ND	ND	ND	4.8	144
07/04/18 12:00 AM	29006	395	2.08	ND	ND	ND	ND	ND	ND	ND	4.8	144

Daily Processed Summary (Average, Maximum)

Average	27538	395	2.06	BDL	0.00006	0.00019	0.00015	0.00008	0.00003	BDL	4.7	157
Maximum Value	29729	401	2.13	BDL	0.00075	0.00484	0.00396	0.00304	0.00168	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/04/18 12:30 AM	29097	396	2.10	ND	0.00228	ND	ND	ND	ND	ND	4.7	162
07/04/18 01:00 AM	29435	395	2.10	ND	ND	ND	ND	ND	ND	ND	4.5	168
07/04/18 01:30 AM	29544	397	2.11	ND	ND	ND	ND	ND	ND	ND	5.1	160
07/04/18 02:00 AM	29483	397	2.10	ND	ND	ND	ND	ND	ND	ND	4.7	149
07/04/18 02:30 AM	29760	395	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	134
07/04/18 03:00 AM	29662	393	2.08	ND	ND	ND	ND	ND	ND	ND	4.7	137
07/04/18 03:30 AM	29670	395	2.08	ND	ND	ND	ND	0.00067	ND	ND	4.8	153
07/04/18 04:00 AM	29441	395	2.10	ND	ND	ND	ND	ND	ND	ND	5.1	166
07/04/18 04:30 AM	29708	396	2.10	ND	ND	ND	ND	ND	0.00124	ND	4.3	162
07/04/18 05:00 AM	29817	396	2.10	ND	ND	ND	ND	ND	ND	ND	4.4	162
07/04/18 05:30 AM	29831	397	2.11	ND	ND	ND	ND	ND	ND	ND	4.6	167
07/04/18 06:00 AM	29612	397	2.11	ND	ND	ND	ND	ND	ND	ND	4.2	166
07/04/18 06:30 AM	29381	397	2.08	ND	ND	ND	ND	ND	ND	ND	3.5	170
07/04/18 07:00 AM	29283	398	2.08	ND	ND	ND	ND	ND	ND	ND	3.8	172
07/04/18 07:30 AM	29396	398	2.06	ND	0.00099	ND	ND	ND	ND	ND	2.8	194
07/04/18 08:00 AM	29539	397	2.07	ND	ND	ND	ND	ND	ND	ND	3.0	205
07/04/18 08:30 AM	29765	396	2.06	ND	ND	ND	ND	ND	ND	ND	4.1	206
07/04/18 09:00 AM	28952	397	2.06	ND	ND	ND	0.00325	ND	ND	ND	4.4	201
07/04/18 09:30 AM	28780	397	2.06	ND	ND	ND	ND	ND	ND	ND	4.3	210
07/04/18 10:00 AM	28070	396	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	209
07/04/18 10:30 AM	27565	396	2.05	ND	ND	ND	ND	ND	ND	ND	5.2	205
07/04/18 11:00 AM	27037	394	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	193
07/04/18 11:30 AM	26255	395	2.03	ND	ND	ND	ND	ND	ND	ND	6.4	190
07/04/18 12:00 PM	25741	395	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	183
07/04/18 12:30 PM	26239	396	2.04	ND	ND	ND	ND	0.00138	ND	ND	4.0	174
07/04/18 01:00 PM	26400	395	2.06	ND	ND	ND	ND	ND	ND	ND	4.3	162
07/04/18 01:30 PM	26638	396	2.07	ND	ND	ND	ND	ND	ND	ND	3.2	149
07/04/18 02:00 PM	27814	395	2.08	ND	ND	ND	ND	0.00062	ND	ND	3.9	122
07/04/18 02:30 PM	28580	394	2.07	ND	ND	ND	ND	0.00135	ND	ND	4.0	100
07/04/18 03:00 PM	29659	394	2.06	ND	ND	ND	ND	ND	ND	ND	5.0	107
07/04/18 03:30 PM	28298	393	2.05	ND	ND	ND	ND	0.00075	ND	ND	5.3	110
07/04/18 04:00 PM	28456	394	2.05	ND	ND	ND	ND	ND	ND	ND	6.1	109
07/04/18 04:30 PM	28666	396	2.07	ND	ND	ND	ND	ND	ND	ND	4.8	84
07/04/18 05:00 PM	29363	395	2.09	ND	ND	ND	ND	ND	ND	ND	5.3	72
07/04/18 05:30 PM	29127	396	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	78
07/04/18 06:00 PM	28653	396	2.08	ND	ND	ND	ND	ND	ND	ND	6.0	86
07/04/18 06:30 PM	28575	397	2.08	ND	ND	ND	ND	ND	ND	ND	4.7	70
07/04/18 07:00 PM	28386	400	2.10	ND	0.00116	ND	ND	0.00118	ND	ND	4.9	60
07/04/18 07:30 PM	27349	400	2.11	ND	ND	ND	ND	ND	ND	ND	4.8	63
07/04/18 08:00 PM	26563	398	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	63
07/04/18 08:30 PM	26738	401	2.11	ND	ND	ND	ND	ND	ND	ND	4.9	65
07/04/18 09:00 PM	27685	404	2.12	ND	ND	ND	ND	ND	ND	ND	4.0	68
07/04/18 09:30 PM	27982	409	2.14	ND	0.00508	0.00499	ND	ND	ND	ND	3.9	59
07/04/18 10:00 PM	27726	413	2.17	ND	0.00125	ND	ND	ND	ND	ND	4.4	57
07/04/18 10:30 PM	27277	410	2.16	ND	ND	0.02031	ND	0.00148	ND	ND	4.6	60
07/04/18 11:00 PM	27201	408	2.14	ND	0.00247	0.05693	ND	ND	0.00155	ND	4.6	61
07/04/18 11:30 PM	26816	411	2.17	ND	0.00123	0.04176	ND	ND	ND	ND	5.5	51
07/05/18 12:00 AM	26304	407	2.16	ND	ND	ND	ND	ND	ND	ND	5.7	56

Daily Processed Summary (Average, Maximum)

Average	28361	398	2.09	BDL	0.00030	0.00258	0.00007	0.00013	0.00009	BDL	2.8	130
Maximum Value	29831	413	2.17	BDL	0.00508	0.05693	0.00325	0.00148	0.00155	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/05/18 12:30 AM	26723	404	2.12	ND	ND	ND	ND	ND	ND	ND	5.8	67
07/05/18 01:00 AM	27242	405	2.11	ND	ND	ND	ND	ND	ND	ND	5.2	70
07/05/18 01:30 AM	26731	396	2.05	ND	ND	ND	ND	ND	ND	ND	7.8	86
07/05/18 02:00 AM	26380	397	2.06	ND	ND	ND	ND	ND	ND	ND	7.5	93
07/05/18 02:30 AM	24955	398	2.09	ND	ND	ND	ND	ND	ND	ND	6.3	225
07/05/18 03:00 AM	23437	393	2.07	ND	ND	ND	ND	ND	ND	ND	6.0	240
07/05/18 03:30 AM	23804	394	2.07	ND	ND	ND	ND	ND	ND	ND	5.5	246
07/05/18 04:00 AM	24380	354	1.99	ND	ND	ND	ND	ND	ND	ND	4.1	243
07/05/18 04:30 AM	24045	393	2.06	ND	ND	ND	ND	ND	ND	ND	2.7	282
07/05/18 05:00 AM	24176	397	2.09	ND	ND	ND	ND	ND	ND	ND	2.9	9
07/05/18 05:30 AM	24218	403	2.26	ND	0.01251	ND	ND	ND	ND	ND	2.0	40
07/05/18 06:00 AM	24145	408	2.24	ND	ND	ND	ND	ND	ND	ND	1.2	108
07/05/18 06:30 AM	23975	412	2.25	ND	ND	ND	ND	ND	ND	ND	0.9	163
07/05/18 07:00 AM	23877	410	2.27	ND	ND	ND	ND	ND	ND	ND	1.8	138
07/05/18 07:30 AM	24365	408	2.34	ND	0.00638	ND	ND	ND	ND	ND	1.9	76
07/05/18 08:00 AM	24403	400	2.15	ND	ND	ND	ND	ND	ND	ND	1.8	298
07/05/18 08:30 AM	24388	398	2.12	ND	ND	ND	ND	ND	ND	ND	3.1	226
07/05/18 09:00 AM	24864	398	2.12	ND	ND	ND	ND	ND	ND	ND	3.2	340
07/05/18 09:30 AM	25970	399	2.12	ND	ND	ND	ND	ND	ND	ND	4.3	351
07/05/18 10:00 AM	26913	398	2.12	ND	ND	ND	ND	ND	ND	ND	3.3	202
07/05/18 10:30 AM	27259	394	2.09	ND	0.00080	ND	ND	ND	0.00157	ND	3.3	75
07/05/18 11:00 AM	27200	392	2.05	ND	ND	ND	ND	ND	ND	ND	4.9	112
07/05/18 11:30 AM	26808	393	2.03	ND	ND	ND	ND	ND	ND	ND	5.4	107
07/05/18 12:00 PM	26900	392	2.03	ND	ND	ND	ND	ND	ND	ND	6.0	107
07/05/18 12:30 PM	26551	392	2.02	ND	ND	ND	ND	ND	ND	ND	6.9	101
07/05/18 01:00 PM	26290	391	2.01	ND	ND	ND	ND	ND	ND	ND	7.2	108
07/05/18 01:30 PM	25501	391	2.01	ND	0.00106	ND	ND	ND	ND	ND	7.6	96
07/05/18 02:00 PM	25377	392	2.06	ND	ND	ND	ND	ND	ND	ND	5.3	338
07/05/18 02:30 PM	25336	393	2.04	ND	ND	ND	ND	ND	ND	ND	2.6	189
07/05/18 03:00 PM	25498	393	2.04	ND	ND	ND	ND	ND	ND	ND	2.8	74
07/05/18 03:30 PM	25107	397	2.08	ND	0.00404	ND	ND	ND	ND	ND	3.9	72
07/05/18 04:00 PM	25450	398	2.08	ND	0.00093	ND	ND	ND	ND	ND	3.6	47
07/05/18 04:30 PM	25994	398	2.10	ND	ND	ND	ND	ND	ND	ND	3.7	26
07/05/18 05:00 PM	25502	393	2.11	ND	ND	ND	ND	ND	ND	ND	4.4	44
07/05/18 05:30 PM	25235	392	2.10	ND	ND	ND	ND	0.00167	ND	ND	3.6	60
07/05/18 06:00 PM	25176	391	2.06	ND	ND	ND	ND	0.00084	ND	ND	2.6	134
07/05/18 06:30 PM	25804	391	2.06	ND	ND	ND	ND	ND	ND	ND	3.9	267
07/05/18 07:00 PM	25712	390	2.04	ND	ND	ND	ND	ND	ND	ND	2.6	209
07/05/18 07:30 PM	26083	392	2.05	ND	ND	0.01558	ND	ND	ND	ND	2.3	218
07/05/18 08:00 PM	26216	392	2.07	ND	ND	ND	ND	ND	ND	ND	2.9	188
07/05/18 08:30 PM	26646	393	2.06	ND	ND	ND	ND	ND	ND	ND	2.5	128
07/05/18 09:00 PM	26452	395	2.05	ND	ND	ND	ND	ND	ND	ND	3.0	138
07/05/18 09:30 PM	26344	397	2.11	ND	ND	ND	ND	ND	0.00299	ND	1.8	210
07/05/18 10:00 PM	26344	398	2.11	ND	ND	ND	ND	ND	ND	ND	1.2	219
07/05/18 10:30 PM	26462	399	2.05	ND	ND	ND	0.00394	ND	ND	ND	1.2	204
07/05/18 11:00 PM	26988	402	2.06	ND	ND	ND	ND	ND	ND	ND	1.8	183
07/05/18 11:30 PM	26679	398	2.06	ND	ND	ND	ND	ND	ND	ND	1.8	170
07/06/18 12:00 AM	26668	398	2.07	ND	ND	ND	ND	ND	ND	ND	1.9	181

Daily Processed Summary (Average, Maximum)

Average	25637	396	2.09	BDL	0.00045	0.00041	0.00008	0.00005	0.00010	BDL	1.2	107
Maximum Value	27259	412	2.34	BDL	0.01251	0.01558	0.00394	0.00167	0.00299	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/06/18 12:30 AM	27028	398	2.08	ND	ND	ND	ND	ND	ND	ND	2.8	173
07/06/18 01:00 AM	27161	398	2.07	ND	ND	0.00392	ND	ND	ND	ND	2.6	182
07/06/18 01:30 AM	27215	399	2.07	ND	0.00115	ND	ND	0.00041	ND	ND	2.9	179
07/06/18 02:00 AM	27813	399	2.07	ND	ND	ND	ND	ND	ND	ND	2.6	202
07/06/18 02:30 AM	28007	400	2.08	ND	ND	ND	ND	ND	ND	ND	1.6	229
07/06/18 03:00 AM	27873	402	2.09	ND	ND	ND	ND	ND	ND	ND	2.2	258
07/06/18 03:30 AM	28259	411	2.10	ND	0.00072	ND	ND	ND	ND	ND	2.2	252
07/06/18 04:00 AM	28505	411	2.18	ND	ND	ND	ND	ND	ND	ND	3.1	258
07/06/18 04:30 AM	28299	419	2.42	ND	ND	ND	ND	ND	ND	ND	4.9	306
07/06/18 05:00 AM	27861	423	2.50	ND	ND	ND	ND	ND	ND	ND	3.6	306
07/06/18 05:30 AM	27726	427	2.62	ND	ND	ND	ND	ND	ND	ND	1.7	264
07/06/18 06:00 AM	27802	426	2.63	ND	0.00082	ND	ND	ND	ND	ND	1.6	270
07/06/18 06:30 AM	28067	419	2.33	ND	ND	ND	ND	ND	ND	ND	3.1	285
07/06/18 07:00 AM	27724	425	2.42	ND	ND	ND	ND	ND	ND	ND	3.8	310
07/06/18 07:30 AM	27476	429	2.79	ND	0.00063	ND	ND	ND	0.00192	ND	3.6	306
07/06/18 08:00 AM	27433	420	2.71	ND	ND	ND	ND	ND	ND	ND	3.1	318
07/06/18 08:30 AM	27196	415	2.55	ND	ND	ND	ND	ND	ND	ND	3.3	319
07/06/18 09:00 AM	27055	410	2.33	ND	ND	ND	ND	ND	ND	ND	3.6	320
07/06/18 09:30 AM	26843	405	2.26	ND	ND	ND	0.00403	ND	ND	ND	3.9	319
07/06/18 10:00 AM	26535	401	2.21	ND	ND	ND	ND	ND	0.00538	ND	3.9	332
07/06/18 10:30 AM	26337	399	2.19	ND	ND	ND	ND	ND	0.00141	ND	4.9	327
07/06/18 11:00 AM	25540	397	2.16	ND	ND	ND	ND	ND	ND	ND	4.4	324
07/06/18 11:30 AM	25042	397	2.16	ND	ND	0.00317	ND	ND	ND	ND	3.7	315
07/06/18 12:00 PM	24772	396	2.13	ND	ND	ND	ND	ND	ND	ND	5.6	343
07/06/18 12:30 PM	25299	398	2.16	ND	ND	ND	ND	ND	ND	ND	3.5	322
07/06/18 01:00 PM	25719	399	2.18	ND	ND	ND	ND	ND	ND	ND	4.2	258
07/06/18 01:30 PM	28322	399	2.25	ND	ND	ND	ND	ND	ND	ND	6.6	120
07/06/18 02:00 PM	28199	396	2.22	ND	ND	ND	ND	ND	ND	ND	9.6	118
07/06/18 02:30 PM	27732	395	2.21	ND	ND	ND	ND	ND	ND	ND	9.0	131
07/06/18 03:00 PM	27814	393	2.23	ND	ND	ND	ND	ND	ND	ND	10.0	164
07/06/18 03:30 PM	26638	391	2.14	ND	0.00226	ND	ND	ND	ND	ND	6.3	183
07/06/18 04:00 PM	25952	383	2.11	ND	0.00209	ND	ND	0.00076	ND	ND	4.4	195
07/06/18 04:30 PM	26661	387	2.12	ND	ND	ND	ND	ND	ND	ND	3.2	194
07/06/18 05:00 PM	27056	394	2.16	ND	ND	ND	ND	0.00184	ND	ND	4.2	184
07/06/18 05:30 PM	26610	394	2.15	ND	ND	ND	ND	0.00071	ND	ND	3.8	177
07/06/18 06:00 PM	25982	396	2.16	ND	0.00079	ND	ND	ND	ND	ND	4.6	112
07/06/18 06:30 PM	24836	398	2.15	ND	ND	ND	ND	ND	ND	ND	0.9	271
07/06/18 07:00 PM	24844	397	2.33	ND	ND	ND	ND	ND	ND	ND	1.9	63
07/06/18 07:30 PM	25395	397	2.25	ND	0.00063	ND	ND	ND	ND	ND	1.5	155
07/06/18 08:00 PM	24355	397	2.13	ND	ND	ND	ND	ND	ND	ND	0.9	191
07/06/18 08:30 PM	25251	398	2.17	ND	ND	ND	ND	ND	ND	ND	1.8	196
07/06/18 09:00 PM	25425	400	2.24	ND	ND	ND	ND	ND	0.00137	ND	1.3	129
07/06/18 09:30 PM	25499	403	2.23	ND	ND	ND	ND	ND	ND	ND	1.2	85
07/06/18 10:00 PM	25431	402	2.23	ND	ND	ND	ND	ND	0.00180	ND	0.9	132
07/06/18 10:30 PM	25890	407	2.30	ND	ND	ND	ND	ND	ND	ND	1.0	161
07/06/18 11:00 PM	25424	404	2.23	ND	ND	ND	ND	ND	ND	ND		
07/06/18 11:30 PM	25362	403	2.20	ND	ND	ND	ND	ND	ND	ND		
07/07/18 12:00 AM	25411	402	2.19	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	26639	403	2.25	BDL	0.00019	0.00015	0.00008	0.00008	0.00025	BDL	0.7	208
Maximum Value	28505	429	2.79	BDL	0.00226	0.00392	0.00403	0.00184	0.00538	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/07/18 12:30 AM	25638	404	2.22	ND	ND	ND	ND	ND	ND	ND	1.5	306
07/07/18 01:00 AM	26860	412	2.30	ND	ND	ND	ND	ND	0.00172	ND	0.9	327
07/07/18 01:30 AM	26726	421	2.39	ND	0.00062	ND	ND	ND	ND	ND	1.2	328
07/07/18 02:00 AM	25980	416	2.39	ND	ND	ND	ND	ND	ND	ND	1.3	309
07/07/18 02:30 AM	25487	414	2.37	ND	ND	ND	ND	ND	ND	ND	1.2	163
07/07/18 03:00 AM	25382	410	2.29	ND	ND	ND	ND	ND	ND	ND	2.6	321
07/07/18 03:30 AM	25412	409	2.42	ND	0.00872	ND	ND	ND	ND	ND	2.6	187
07/07/18 04:00 AM	25565	415	2.47	ND	0.00171	ND	ND	ND	ND	ND	3.2	292
07/07/18 04:30 AM	25595	423	2.75	ND	ND	ND	ND	ND	ND	ND	3.9	285
07/07/18 05:00 AM	25464	423	2.64	ND	ND	ND	ND	ND	ND	ND	3.8	347
07/07/18 05:30 AM	25761	420	2.58	ND	ND	ND	ND	ND	ND	ND	3.9	241
07/07/18 06:00 AM	25599	417	2.50	ND	ND	ND	ND	ND	ND	ND	3.9	353
07/07/18 06:30 AM	25389	416	2.47	ND	0.00117	ND	ND	ND	ND	ND	2.5	331
07/07/18 07:00 AM	25586	420	2.54	ND	0.00072	0.00301	ND	ND	ND	ND	3.1	280
07/07/18 07:30 AM	25638	420	2.57	ND	ND	ND	ND	ND	0.00146	ND	3.8	175
07/07/18 08:00 AM	25274	410	2.42	ND	ND	ND	ND	ND	ND	ND	5.5	352
07/07/18 08:30 AM	25583	406	2.40	ND	ND	ND	ND	0.00065	ND	ND	6.0	354
07/07/18 09:00 AM	25822	402	2.29	ND	0.00076	ND	ND	ND	ND	ND	6.2	356
07/07/18 09:30 AM	26630	400	2.34	ND	ND	0.00287	ND	ND	ND	ND	6.0	352
07/07/18 10:00 AM	26978	399	2.31	ND	ND	ND	ND	ND	ND	ND	5.6	289
07/07/18 10:30 AM	26506	399	2.21	ND	ND	ND	ND	ND	ND	ND	5.1	80
07/07/18 11:00 AM	26250	402	2.20	ND	0.00184	ND	ND	ND	ND	ND	5.1	40
07/07/18 11:30 AM	26241	398	2.19	ND	ND	ND	ND	ND	ND	ND	4.8	65
07/07/18 12:00 PM	26169	400	2.19	ND	ND	ND	ND	ND	ND	ND	4.1	88
07/07/18 12:30 PM	26959	397	2.19	ND	ND	ND	ND	ND	ND	ND	4.3	90
07/07/18 01:00 PM	27001	395	2.19	ND	ND	ND	ND	ND	ND	ND	5.7	92
07/07/18 01:30 PM	27071	391	2.16	ND	ND	ND	ND	ND	ND	ND	5.0	116
07/07/18 02:00 PM	27369	390	2.17	ND	ND	ND	ND	ND	ND	ND	6.2	114
07/07/18 02:30 PM	28220	393	2.19	ND	ND	ND	ND	ND	ND	ND	6.8	106
07/07/18 03:00 PM	26929	395	2.18	ND	0.00072	ND	ND	ND	ND	ND	6.6	103
07/07/18 03:30 PM	26976	399	2.20	ND	ND	ND	ND	ND	ND	ND	6.8	113
07/07/18 04:00 PM	26365	397	2.17	ND	ND	ND	ND	ND	ND	ND	7.4	102
07/07/18 04:30 PM	26291	397	2.14	ND	ND	0.00355	ND	ND	ND	ND	6.3	110
07/07/18 05:00 PM	25903	395	2.12	ND	0.00115	ND	ND	ND	ND	ND	6.8	118
07/07/18 05:30 PM	25028	394	2.10	ND	ND	ND	ND	ND	ND	ND	6.0	117
07/07/18 06:00 PM	24875	395	2.10	ND	ND	ND	ND	ND	ND	ND	6.9	114
07/07/18 06:30 PM	25622	395	2.10	ND	0.00071	ND	ND	ND	ND	ND	6.5	122
07/07/18 07:00 PM	25592	394	2.09	ND	ND	ND	ND	ND	ND	ND	6.0	112
07/07/18 07:30 PM	25687	395	2.08	ND	ND	ND	ND	ND	ND	ND	5.9	106
07/07/18 08:00 PM	25861	395	2.08	ND	ND	ND	ND	ND	ND	ND	4.5	94
07/07/18 08:30 PM	26217	397	2.11	0.00222	ND	ND	ND	ND	ND	ND	3.7	90
07/07/18 09:00 PM	25839	397	2.08	ND	ND	ND	ND	ND	ND	ND	4.1	111
07/07/18 09:30 PM	25552	396	2.08	ND	ND	ND	ND	ND	ND	ND	4.9	115
07/07/18 10:00 PM	26121	396	2.08	ND	ND	0.00327	ND	ND	ND	ND	4.2	130
07/07/18 10:30 PM	25931	395	2.11	ND	ND	ND	ND	ND	ND	ND	4.3	132
07/07/18 11:00 PM	25929	396	2.11	ND	ND	ND	ND	ND	ND	ND	4.6	142
07/07/18 11:30 PM	26104	396	2.11	ND	ND	ND	ND	ND	ND	ND	4.0	139
07/08/18 12:00 AM	25932	396	2.11	ND	ND	ND	ND	ND	ND	ND	2.7	149

## Daily Processed Summary (Average, Maximum)

Average	26061	403	2.26	0.00005	0.00038	0.00026	BDL	0.00001	0.00007	BDL	2.2	94
Maximum Value	28220	423	2.75	0.00222	0.00872	0.00355	BDL	0.00065	0.00172	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	CEH6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/08/18 12:30 AM	26045	396	2.22	ND	ND	ND	ND	ND	0.00168	ND	3.0	165
07/08/18 01:00 AM	26017	396	2.18	ND	ND	ND	ND	ND	ND	ND	2.5	165
07/08/18 01:30 AM	26264	397	2.30	ND	0.00417	ND	ND	ND	ND	ND	2.2	169
07/08/18 02:00 AM	26317	398	2.29	ND	0.00169	ND	ND	ND	ND	ND	1.4	158
07/08/18 02:30 AM	26506	399	2.37	ND	ND	ND	ND	ND	ND	ND	2.4	170
07/08/18 03:00 AM	26540	399	2.13	ND	ND	ND	ND	ND	ND	ND	3.1	207
07/08/18 03:30 AM	26956	401	2.15	ND	0.00068	ND	ND	ND	ND	ND	1.4	181
07/08/18 04:00 AM	26891	401	2.15	ND	ND	ND	ND	ND	ND	ND	1.3	193
07/08/18 04:30 AM	26702	400	2.14	ND	ND	ND	ND	ND	ND	ND	0.8	187
07/08/18 05:00 AM	26130	392	2.12	ND	ND	ND	ND	ND	ND	ND	4.5	219
07/08/18 05:30 AM	17918	192	1.32	ND	ND	ND	ND	ND	ND	ND	4.8	241
07/08/18 06:00 AM	25298	391	2.09	ND	ND	ND	ND	ND	ND	ND	2.6	230
07/08/18 06:30 AM	25288	397	2.12	ND	0.00073	ND	ND	ND	ND	ND	0.6	177
07/08/18 07:00 AM	24911	398	2.11	ND	ND	ND	ND	ND	ND	ND	1.5	258
07/08/18 07:30 AM	25283	396	2.11	ND	ND	ND	ND	ND	ND	ND	1.1	243
07/08/18 08:00 AM	26110	396	2.12	ND	ND	ND	ND	ND	ND	ND	1.2	277
07/08/18 08:30 AM	26518	397	2.12	ND	ND	ND	ND	ND	ND	ND	1.0	260
07/08/18 09:00 AM	25551	393	2.11	ND	ND	ND	ND	ND	ND	ND	5.9	146
07/08/18 09:30 AM	23723	352	2.03	ND	0.00210	ND	ND	ND	ND	ND	3.4	223
07/08/18 10:00 AM	23929	361	2.03	ND	ND	ND	ND	ND	ND	ND	1.7	287
07/08/18 10:30 AM	24670	387	2.09	ND	ND	ND	ND	ND	ND	ND	0.9	254
07/08/18 11:00 AM	25193	392	2.10	ND	ND	ND	ND	ND	ND	ND	1.7	132
07/08/18 11:30 AM	25086	395	2.10	ND	0.00103	ND	ND	ND	ND	ND	2.2	167
07/08/18 12:00 PM	25319	395	2.13	ND	ND	ND	ND	ND	ND	ND	2.0	219
07/08/18 12:30 PM	25246	396	2.11	ND	ND	ND	ND	ND	ND	ND	2.2	199
07/08/18 01:00 PM	25223	395	2.10	ND	ND	ND	ND	ND	ND	ND	3.8	134
07/08/18 01:30 PM	24783	397	2.10	ND	ND	ND	ND	0.00065	ND	ND	3.7	142
07/08/18 02:00 PM	24905	397	2.11	ND	ND	ND	ND	0.00059	ND	ND	2.9	188
07/08/18 02:30 PM	24665	396	2.10	ND	ND	ND	ND	ND	ND	ND	2.7	172
07/08/18 03:00 PM	25421	399	2.12	ND	ND	ND	ND	ND	0.00485	ND	4.5	204
07/08/18 03:30 PM	26445	397	2.12	ND	ND	ND	ND	ND	ND	ND	6.9	143
07/08/18 04:00 PM	25537	396	2.09	ND	ND	ND	ND	ND	ND	ND	6.2	152
07/08/18 04:30 PM	25578	396	2.09	ND	ND	ND	ND	ND	0.00135	ND	6.0	141
07/08/18 05:00 PM	26518	395	2.08	ND	ND	ND	ND	ND	0.00135	ND	7.0	129
07/08/18 05:30 PM	26832	396	2.08	ND	ND	ND	ND	ND	0.00186	ND	5.7	139
07/08/18 06:00 PM	26811	396	2.07	ND	ND	ND	ND	ND	ND	ND	4.7	135
07/08/18 06:30 PM	26948	396	2.08	ND	ND	ND	ND	0.00106	ND	ND	3.8	181
07/08/18 07:00 PM	26458	396	2.06	ND	ND	ND	ND	ND	ND	ND	5.3	143
07/08/18 07:30 PM	26720	396	2.08	ND	ND	ND	ND	ND	ND	ND	4.7	175
07/08/18 08:00 PM	25300	396	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	145
07/08/18 08:30 PM	23953	396	2.07	ND	ND	0.00245	ND	ND	ND	ND	4.5	131
07/08/18 09:00 PM	23793	397	2.08	ND	ND	ND	ND	ND	ND	ND	4.2	135
07/08/18 09:30 PM	24001	397	2.07	ND	ND	ND	ND	ND	ND	ND	4.7	138
07/08/18 10:00 PM	24659	400	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	148
07/08/18 10:30 PM	25851	399	2.07	ND	ND	ND	ND	ND	ND	ND	4.6	143
07/08/18 11:00 PM	27415	400	2.08	ND	ND	ND	ND	ND	ND	ND	5.2	140
07/08/18 11:30 PM	27366	399	2.08	ND	ND	ND	ND	ND	0.00110	ND	5.0	133
07/09/18 12:00 AM	27666	399	2.07	ND	ND	ND	ND	ND	ND	ND	5.4	134

Daily Processed Summary (Average, Maximum)

Average	25568	391	2.10	BDL	0.00013	0.00009	0.00005	0.00005	0.00025	BDL	2.8	161
Maximum Value	27666	401	2.37	BDL	0.00210	0.00417	0.00245	0.00106	0.00485	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/09/18 12:30 AM	28010	397	2.09	ND	ND	ND	ND	ND	0.00164	ND	5.7	139
07/09/18 01:00 AM	27997	398	2.08	ND	ND	ND	ND	ND	0.00142	ND	6.2	135
07/09/18 01:30 AM	27927	400	2.08	ND	ND	0.00475	ND	ND	ND	ND	5.0	133
07/09/18 02:00 AM	27901	401	2.09	ND	ND	ND	ND	ND	ND	ND	4.3	136
07/09/18 02:30 AM	28070	399	2.10	ND	ND	ND	ND	ND	0.00185	ND	3.9	133
07/09/18 03:00 AM	28484	398	2.08	ND	ND	ND	ND	ND	ND	ND	3.9	140
07/09/18 03:30 AM	28693	399	2.08	ND	ND	ND	ND	ND	ND	ND	3.2	150
07/09/18 04:00 AM	28694	400	2.08	ND	ND	ND	ND	ND	ND	ND	3.8	147
07/09/18 04:30 AM	28911	399	2.08	ND	ND	0.00388	ND	ND	ND	ND	4.3	134
07/09/18 05:00 AM	28987	398	2.07	ND	ND	ND	ND	ND	ND	ND	5.1	141
07/09/18 05:30 AM	28922	398	2.08	ND	ND	ND	ND	ND	ND	ND	4.1	144
07/09/18 06:00 AM	28885	399	2.08	ND	ND	ND	ND	ND	ND	ND	4.0	146
07/09/18 06:30 AM	29116	398	2.09	ND	ND	ND	ND	ND	ND	ND	4.0	133
07/09/18 07:00 AM	28835	394	2.06	ND	ND	ND	ND	ND	ND	ND	2.9	140
07/09/18 07:30 AM	28943	393	2.14	ND	ND	ND	ND	ND	ND	ND	2.3	157
07/09/18 08:00 AM	29127	395	2.11	ND	ND	ND	ND	ND	ND	ND	1.3	129
07/09/18 08:30 AM	29306	394	2.11	ND	ND	ND	ND	ND	ND	ND	2.0	149
07/09/18 09:00 AM	29051	391	2.10	ND	ND	ND	ND	ND	ND	ND	3.3	171
07/09/18 09:30 AM	28392	393	2.13	ND	ND	ND	ND	ND	ND	ND	2.7	161
07/09/18 10:00 AM	28416	393	2.07	ND	ND	ND	ND	0.00051	ND	ND	2.5	124
07/09/18 10:30 AM	28442	393	2.07	ND	ND	ND	ND	ND	ND	ND	4.1	143
07/09/18 11:00 AM	28440	392	2.06	ND	ND	ND	ND	ND	ND	ND	5.0	133
07/09/18 11:30 AM	28179	393	2.06	ND	ND	ND	ND	ND	ND	ND	5.5	139
07/09/18 12:00 PM	27871	394	2.05	ND	ND	ND	ND	ND	ND	ND	6.3	129
07/09/18 12:30 PM	27223	393	2.05	ND	ND	ND	ND	ND	ND	ND	6.0	131
07/09/18 01:00 PM	26642	393	2.05	ND	ND	ND	ND	ND	ND	ND	6.5	120
07/09/18 01:30 PM	27877	393	2.05	ND	ND	ND	ND	ND	0.00147	ND	7.5	123
07/09/18 02:00 PM	28412	392	2.05	ND	ND	ND	ND	ND	ND	ND	8.3	113
07/09/18 02:30 PM	28541	390	2.04	ND	ND	ND	ND	ND	ND	ND	6.7	111
07/09/18 03:00 PM	28204	392	2.03	ND	ND	ND	ND	ND	ND	ND	8.7	115
07/09/18 03:30 PM	28305	392	2.03	ND	ND	ND	ND	ND	ND	ND	9.0	113
07/09/18 04:00 PM	28253	392	2.03	ND	ND	ND	ND	ND	ND	ND	9.5	116
07/09/18 04:30 PM	27781	392	2.03	ND	ND	ND	ND	ND	ND	ND	8.1	110
07/09/18 05:00 PM	27824	393	2.02	ND	ND	ND	ND	ND	ND	ND	8.6	118
07/09/18 05:30 PM	27649	396	2.03	ND	ND	ND	ND	ND	ND	ND	8.4	115
07/09/18 06:00 PM	27611	397	2.04	ND	ND	0.00381	ND	ND	ND	ND	7.5	115
07/09/18 06:30 PM	27383	396	2.04	ND	ND	ND	ND	ND	ND	ND	7.7	113
07/09/18 07:00 PM	27650	395	2.03	ND	ND	ND	ND	ND	ND	0.00957	6.8	115
07/09/18 07:30 PM	27771	391	2.02	ND	ND	ND	ND	ND	ND	ND	6.7	114
07/09/18 08:00 PM	27648	391	2.02	ND	ND	ND	ND	ND	ND	ND	5.5	116
07/09/18 08:30 PM	28176	392	2.03	ND	ND	ND	ND	ND	ND	ND	6.6	114
07/09/18 09:00 PM	28060	390	2.02	ND	ND	ND	ND	ND	ND	ND	7.1	115
07/09/18 09:30 PM	27857	389	2.01	ND	ND	ND	ND	ND	ND	ND	7.0	117
07/09/18 10:00 PM	27826	391	2.02	ND	ND	ND	ND	ND	ND	ND	6.6	118
07/09/18 10:30 PM	27822	391	2.02	ND	ND	ND	ND	0.00060	ND	ND	5.3	117
07/09/18 11:00 PM	27519	392	2.03	ND	ND	ND	ND	ND	ND	ND	4.7	121
07/09/18 11:30 PM	27765	392	2.04	ND	ND	ND	ND	ND	ND	ND	4.7	134
07/10/18 12:00 AM	27558	393	2.04	ND	ND	ND	ND	ND	ND	ND	4.6	131

Daily Processed Summary (Average, Maximum)

Average	28187	394	2.06	BDL	BDL	0.00026	BDL	0.00002	0.00013	0.00020	5.4	125
Maximum Value	29306	401	2.14	BDL	BDL	0.00475	BDL	0.00060	0.00185	0.00957		

BDL = Below Detection Limit

Blank = Not Available



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/10/18 12:30 AM	27664	392	2.05	0.00125	ND	ND	ND	ND	ND	ND	4.1	128
07/10/18 01:00 AM	27989	392	2.07	ND	ND	ND	ND	ND	0.00842	ND	3.9	131
07/10/18 01:30 AM	28193	394	2.06	ND	ND	ND	ND	ND	ND	ND	3.0	129
07/10/18 02:00 AM	28260	395	2.05	ND	ND	ND	ND	ND	0.00130	ND	3.3	130
07/10/18 02:30 AM	27156	394	2.06	ND	ND	ND	ND	ND	ND	ND	4.2	131
07/10/18 03:00 AM	27250	394	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	124
07/10/18 03:30 AM	27448	394	2.06	ND	ND	ND	ND	ND	ND	ND	2.8	116
07/10/18 04:00 AM	27769	394	2.05	ND	ND	ND	ND	ND	ND	ND	3.3	117
07/10/18 04:30 AM	28051	395	2.04	0.00215	ND	ND	ND	ND	ND	ND	1.8	127
07/10/18 05:00 AM	28087	398	2.05	ND	ND	ND	ND	ND	ND	ND	1.4	94
07/10/18 05:30 AM	27773	402	2.17	ND	ND	ND	ND	ND	ND	ND	1.2	96
07/10/18 06:00 AM	27547	401	2.12	ND	ND	ND	ND	ND	ND	ND	1.5	91
07/10/18 06:30 AM	27382	402	2.14	ND	ND	ND	ND	ND	ND	ND	1.3	107
07/10/18 07:00 AM	27318	406	2.19	ND	ND	ND	ND	ND	ND	ND	2.1	80
07/10/18 07:30 AM	27295	416	2.25	ND	ND	ND	ND	ND	ND	ND	1.5	138
07/10/18 08:00 AM	27715	421	2.26	ND	ND	ND	ND	ND	ND	ND	2.8	75
07/10/18 08:30 AM	28365	424	2.27	ND	ND	ND	ND	ND	ND	ND	2.9	70
07/10/18 09:00 AM	28775	413	2.19	ND	ND	ND	ND	ND	ND	ND	2.9	80
07/10/18 09:30 AM	28111	398	2.10	ND	ND	ND	ND	ND	ND	ND	4.0	98
07/10/18 10:00 AM	27126	394	2.05	ND	ND	ND	ND	ND	ND	ND	3.6	107
07/10/18 10:30 AM	26989	394	2.05	ND	ND	ND	ND	ND	ND	ND	4.0	129
07/10/18 11:00 AM	26746	396	2.05	ND	ND	ND	ND	ND	ND	ND	4.9	121
07/10/18 11:30 AM	27129	394	2.05	ND	ND	ND	ND	0.00044	ND	ND	5.1	127
07/10/18 12:00 PM	27272	394	2.05	ND	ND	ND	ND	ND	ND	ND	6.0	117
07/10/18 12:30 PM	27561	393	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	127
07/10/18 01:00 PM	27340	394	2.05	ND	ND	ND	ND	ND	ND	ND	6.7	124
07/10/18 01:30 PM	26638	393	2.05	ND	ND	ND	ND	ND	ND	ND	6.4	122
07/10/18 02:00 PM	26315	394	2.05	ND	ND	ND	ND	ND	ND	ND	6.6	101
07/10/18 02:30 PM	26619	394	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	113
07/10/18 03:00 PM	26282	395	2.05	ND	ND	ND	ND	ND	ND	ND	7.4	124
07/10/18 03:30 PM	26929	397	2.06	ND	0.00086	ND	ND	ND	ND	ND	7.7	125
07/10/18 04:00 PM	27110	396	2.05	ND	ND	ND	ND	ND	ND	ND	8.2	118
07/10/18 04:30 PM	26935	397	2.05	ND	ND	ND	ND	ND	ND	ND	9.0	118
07/10/18 05:00 PM	27293	397	2.05	ND	ND	ND	ND	ND	0.00165	ND	8.5	116
07/10/18 05:30 PM	27313	396	2.05	ND	0.00073	ND	ND	ND	ND	ND	8.3	122
07/10/18 06:00 PM	27106	396	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	115
07/10/18 06:30 PM	26933	396	2.05	ND	0.00117	ND	ND	ND	ND	ND	7.6	116
07/10/18 07:00 PM	28173	396	2.06	ND	ND	ND	ND	ND	ND	ND	7.1	119
07/10/18 07:30 PM	28035	396	2.06	ND	ND	ND	ND	ND	ND	ND	6.8	118
07/10/18 08:00 PM	27595	396	2.07	ND	ND	ND	ND	ND	ND	ND	6.0	130
07/10/18 08:30 PM	27205	397	2.08	ND	ND	ND	ND	ND	ND	ND	5.0	134
07/10/18 09:00 PM	27304	398	2.08	ND	ND	ND	ND	ND	ND	ND	4.6	138
07/10/18 09:30 PM	26689	397	2.07	ND	ND	ND	ND	ND	ND	ND	4.5	143
07/10/18 10:00 PM	26507	398	2.08	ND	ND	ND	ND	ND	ND	ND	4.6	143
07/10/18 10:30 PM	27998	398	2.09	ND	ND	ND	ND	ND	ND	ND	4.6	136
07/10/18 11:00 PM	28391	398	2.08	ND	ND	ND	ND	0.00057	ND	ND	4.1	141
07/10/18 11:30 PM	27715	397	2.07	ND	ND	ND	ND	ND	ND	ND	4.5	143
07/11/18 12:00 AM	28382	397	2.09	ND	ND	ND	ND	ND	ND	ND	3.6	140

## Daily Processed Summary (Average, Maximum)

Average	27454	398	2.08	0.00007	0.00006	BDL	BDL	0.00002	0.00024	BDL	4.6	121
Maximum Value	28775	424	2.27	0.00215	0.00117	BDL	BDL	0.00057	0.00842	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/11/18 12:30 AM	28013	398	2.09	ND	ND	ND	ND	ND	ND	ND	3.0	148
07/11/18 01:00 AM	27848	398	2.13	ND	ND	ND	ND	ND	ND	ND	2.5	167
07/11/18 01:30 AM	27774	398	2.18	ND	ND	ND	ND	ND	ND	ND	3.0	168
07/11/18 02:00 AM	27877	398	2.16	ND	ND	ND	ND	ND	ND	ND	2.8	166
07/11/18 02:30 AM	28436	398	2.16	ND	ND	ND	ND	ND	ND	ND	3.4	169
07/11/18 03:00 AM	28875	396	2.14	ND	ND	ND	ND	ND	ND	ND	3.0	171
07/11/18 03:30 AM	28343	396	2.13	ND	ND	ND	ND	ND	ND	ND	4.0	160
07/11/18 04:00 AM	27827	396	2.10	ND	ND	ND	0.00857	ND	ND	ND	4.4	161
07/11/18 04:30 AM	27445	395	2.10	ND	ND	ND	ND	ND	ND	ND	3.5	162
07/11/18 05:00 AM	27280	396	2.14	ND	ND	ND	ND	ND	ND	ND	3.2	164
07/11/18 05:30 AM	27299	397	2.12	ND	ND	ND	ND	ND	ND	ND	2.6	166
07/11/18 06:00 AM	27778	398	2.14	ND	ND	ND	ND	ND	ND	ND	2.1	156
07/11/18 06:30 AM	27897	399	2.17	ND	ND	ND	ND	ND	ND	ND	1.5	155
07/11/18 07:00 AM	27848	401	2.19	ND	ND	ND	ND	ND	ND	ND	1.3	148
07/11/18 07:30 AM	28203	400	2.16	ND	ND	ND	ND	ND	ND	ND	1.7	123
07/11/18 08:00 AM	28522	397	2.12	ND	ND	ND	ND	ND	ND	ND	2.2	147
07/11/18 08:30 AM	28538	395	2.10	ND	ND	ND	ND	0.00135	ND	ND	3.5	171
07/11/18 09:00 AM	28952	397	2.08	ND	ND	ND	ND	ND	ND	ND	3.6	185
07/11/18 09:30 AM	28872	396	2.08	ND	ND	ND	ND	ND	ND	ND	3.8	192
07/11/18 10:00 AM	28122	396	2.07	ND	ND	ND	ND	ND	ND	ND	4.6	192
07/11/18 10:30 AM	27644	397	2.07	ND	ND	ND	ND	ND	ND	ND	3.9	188
07/11/18 11:00 AM	27341	397	2.07	ND	ND	ND	ND	ND	ND	ND	4.1	187
07/11/18 11:30 AM	27457	398	2.07	ND	ND	ND	ND	ND	ND	ND	3.7	207
07/11/18 12:00 PM	26886	397	2.06	ND	ND	ND	ND	ND	ND	ND	3.4	201
07/11/18 12:30 PM	25996	399	2.07	ND	ND	ND	ND	ND	ND	ND	3.4	193
07/11/18 01:00 PM	24976	398	2.06	ND	ND	ND	ND	ND	ND	ND	4.3	154
07/11/18 01:30 PM	24995	399	2.07	ND	ND	ND	ND	ND	ND	ND	3.3	179
07/11/18 02:00 PM	25479	399	2.07	ND	ND	ND	ND	ND	ND	ND	4.4	148
07/11/18 02:30 PM	26111	399	2.06	ND	ND	0.00280	ND	ND	ND	ND	6.4	123
07/11/18 03:00 PM	26863	399	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	119
07/11/18 03:30 PM	26631	399	2.05	ND	0.00078	ND	ND	ND	ND	ND	6.9	125
07/11/18 04:00 PM	25947	398	2.05	ND	ND	ND	ND	ND	ND	ND	8.0	127
07/11/18 04:30 PM	25392	398	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	128
07/11/18 05:00 PM	24709	397	2.04	0.00098	ND	ND	ND	ND	ND	ND	7.9	135
07/11/18 05:30 PM	24659	398	2.04	ND	ND	ND	ND	ND	ND	ND	7.3	139
07/11/18 06:00 PM	24525	398	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	147
07/11/18 06:30 PM	23967	396	2.04	ND	ND	ND	ND	ND	ND	0.01229	5.9	132
07/11/18 07:00 PM											5.3	132
07/11/18 07:30 PM											5.4	138
07/11/18 08:00 PM											4.5	143
07/11/18 08:30 PM											4.3	143
07/11/18 09:00 PM											5.2	134
07/11/18 09:30 PM											4.4	142
07/11/18 10:00 PM											4.1	138
07/11/18 10:30 PM											4.5	140
07/11/18 11:00 PM											4.5	140
07/11/18 11:30 PM											4.9	141
07/12/18 12:00 AM											3.6	149

Daily Processed Summary (Average, Maximum)

Average	27063	398	2.10	0.00002	0.00002	0.00006	0.00018	BDL	0.00003	0.00026	3.9	150
Maximum Value	28952	401	2.19	0.00098	0.00078	0.00280	0.00857	BDL	0.00135	0.01229		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/12/18 12:30 AM											3.8	152
07/12/18 01:00 AM											4.1	163
07/12/18 01:30 AM											4.7	160
07/12/18 02:00 AM											4.0	156
07/12/18 02:30 AM											3.9	161
07/12/18 03:00 AM											4.4	164
07/12/18 03:30 AM											3.4	168
07/12/18 04:00 AM											3.3	164
07/12/18 04:30 AM											3.3	160
07/12/18 05:00 AM											3.0	163
07/12/18 05:30 AM											3.3	163
07/12/18 06:00 AM											2.9	168
07/12/18 06:30 AM											2.3	184
07/12/18 07:00 AM											2.0	199
07/12/18 07:30 AM											2.0	199
07/12/18 08:00 AM											3.1	230
07/12/18 08:30 AM											3.0	244
07/12/18 09:00 AM											3.5	242
07/12/18 09:30 AM											3.6	195
07/12/18 10:00 AM											4.4	181
07/12/18 10:30 AM											4.4	185
07/12/18 11:00 AM											4.4	185
07/12/18 11:30 AM											4.6	189
07/12/18 12:00 PM											4.5	192
07/12/18 12:30 PM											5.7	146
07/12/18 01:00 PM											5.9	129
07/12/18 01:30 PM											6.6	114
07/12/18 02:00 PM											7.0	114
07/12/18 02:30 PM											8.0	113
07/12/18 03:00 PM											9.2	112
07/12/18 03:30 PM											8.0	118
07/12/18 04:00 PM											8.0	123
07/12/18 04:30 PM											8.4	120
07/12/18 05:00 PM											7.9	120
07/12/18 05:30 PM											7.1	119
07/12/18 06:00 PM											6.1	133
07/12/18 06:30 PM											6.6	133
07/12/18 07:00 PM											6.5	131
07/12/18 07:30 PM											6.0	137
07/12/18 08:00 PM											6.2	136
07/12/18 08:30 PM											6.3	131
07/12/18 09:00 PM											5.0	129
07/12/18 09:30 PM											4.9	141
07/12/18 10:00 PM											5.3	142
07/12/18 10:30 PM											5.7	140
07/12/18 11:00 PM											5.8	136
07/12/18 11:30 PM												
07/13/18 12:00 AM												

Daily Processed Summary (Average, Maximum)

Average	Maximum Value											
											4.3	146

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/13/18 12:30 AM											6.1	135
07/13/18 01:00 AM											5.3	136
07/13/18 01:30 AM											5.3	136
07/13/18 02:00 AM											4.2	149
07/13/18 02:30 AM											4.4	144
07/13/18 03:00 AM											4.1	151
07/13/18 03:30 AM											4.3	162
07/13/18 04:00 AM											4.5	162
07/13/18 04:30 AM											4.1	157
07/13/18 05:00 AM											4.6	162
07/13/18 05:30 AM											4.3	163
07/13/18 06:00 AM											3.8	163
07/13/18 06:30 AM											3.7	164
07/13/18 07:00 AM											3.7	165
07/13/18 07:30 AM											3.7	160
07/13/18 08:00 AM											3.9	167
07/13/18 08:30 AM											4.6	161
07/13/18 09:00 AM											4.6	169
07/13/18 09:30 AM											5.1	175
07/13/18 10:00 AM											4.3	169
07/13/18 10:30 AM											4.5	172
07/13/18 11:00 AM											4.9	152
07/13/18 11:30 AM											4.3	173
07/13/18 12:00 PM											5.2	150
07/13/18 12:30 PM											6.1	122
07/13/18 01:00 PM											7.2	117
07/13/18 01:30 PM											7.7	127
07/13/18 02:00 PM											6.0	136
07/13/18 02:30 PM											7.2	121
07/13/18 03:00 PM											8.9	115
07/13/18 03:30 PM											9.4	113
07/13/18 04:00 PM											8.8	118
07/13/18 04:30 PM											10.0	123
07/13/18 05:00 PM											9.6	117
07/13/18 05:30 PM											9.0	118
07/13/18 06:00 PM											8.6	117
07/13/18 06:30 PM											8.8	114
07/13/18 07:00 PM											8.4	117
07/13/18 07:30 PM											7.9	127
07/13/18 08:00 PM											6.9	129
07/13/18 08:30 PM											7.5	124
07/13/18 09:00 PM											6.8	133
07/13/18 09:30 PM											6.6	133
07/13/18 10:00 PM											6.4	132
07/13/18 10:30 PM											6.7	132
07/13/18 11:00 PM											7.1	130
07/13/18 11:30 PM											7.2	135
07/14/18 12:00 AM											6.2	138

Daily Processed Summary (Average, Maximum)

Average	Maximum Value											
											5.8	136

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/14/18 12:30 AM											5.4	139
07/14/18 01:00 AM											4.9	145
07/14/18 01:30 AM											4.6	140
07/14/18 02:00 AM											4.8	141
07/14/18 02:30 AM											4.4	158
07/14/18 03:00 AM											4.3	160
07/14/18 03:30 AM											4.1	162
07/14/18 04:00 AM											4.9	159
07/14/18 04:30 AM											5.6	161
07/14/18 05:00 AM											4.5	167
07/14/18 05:30 AM											4.2	165
07/14/18 06:00 AM											4.0	167
07/14/18 06:30 AM											3.9	164
07/14/18 07:00 AM											4.0	162
07/14/18 07:30 AM											2.9	165
07/14/18 08:00 AM											3.6	163
07/14/18 08:30 AM											3.6	171
07/14/18 09:00 AM											4.5	161
07/14/18 09:30 AM											4.5	162
07/14/18 10:00 AM											4.6	174
07/14/18 10:30 AM											5.1	163
07/14/18 11:00 AM											4.3	177
07/14/18 11:30 AM											6.4	152
07/14/18 12:00 PM											7.1	138
07/14/18 12:30 PM											7.6	127
07/14/18 01:00 PM											7.9	117
07/14/18 01:30 PM											9.0	122
07/14/18 02:00 PM											9.0	126
07/14/18 02:30 PM											8.8	126
07/14/18 03:00 PM											10.0	120
07/14/18 03:30 PM											10.6	119
07/14/18 04:00 PM											10.9	119
07/14/18 04:30 PM											10.8	118
07/14/18 05:00 PM											9.4	123
07/14/18 05:30 PM											10.1	119
07/14/18 06:00 PM											10.1	116
07/14/18 06:30 PM											9.5	118
07/14/18 07:00 PM											8.1	130
07/14/18 07:30 PM											7.4	135
07/14/18 08:00 PM											7.6	131
07/14/18 08:30 PM											7.5	135
07/14/18 09:00 PM											6.3	140
07/14/18 09:30 PM											6.1	134
07/14/18 10:00 PM											6.1	141
07/14/18 10:30 PM											6.4	142
07/14/18 11:00 PM											6.1	138
07/14/18 11:30 PM											6.0	150
07/15/18 12:00 AM											6.0	150

Daily Processed Summary (Average, Maximum)

Average	Maximum Value											
											6.1	138

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCl_AVE (ppm)	VCL_AVE (ppm)	CGH6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/15/18 12:30 AM											5.5	146
07/15/18 01:00 AM											5.3	151
07/15/18 01:30 AM											5.1	153
07/15/18 02:00 AM											5.1	154
07/15/18 02:30 AM											5.2	162
07/15/18 03:00 AM											4.9	163
07/15/18 03:30 AM											4.8	165
07/15/18 04:00 AM											5.0	163
07/15/18 04:30 AM											5.4	162
07/15/18 05:00 AM											5.4	160
07/15/18 05:30 AM											5.6	156
07/15/18 06:00 AM											4.7	148
07/15/18 06:30 AM											4.3	154
07/15/18 07:00 AM											4.2	158
07/15/18 07:30 AM											3.8	155
07/15/18 08:00 AM											4.5	161
07/15/18 08:30 AM											5.2	157
07/15/18 09:00 AM											5.5	161
07/15/18 09:30 AM											6.1	163
07/15/18 10:00 AM											6.6	167
07/15/18 10:30 AM											6.8	174
07/15/18 11:00 AM											7.5	169
07/15/18 11:30 AM											7.1	166
07/15/18 12:00 PM											7.1	170
07/15/18 12:30 PM											6.5	175
07/15/18 01:00 PM											7.5	173
07/15/18 01:30 PM											7.5	160
07/15/18 02:00 PM											8.5	143
07/15/18 02:30 PM											8.7	142
07/15/18 03:00 PM											9.3	138
07/15/18 03:30 PM											9.1	137
07/15/18 04:00 PM											8.1	136
07/15/18 04:30 PM											8.6	131
07/15/18 05:00 PM											9.1	132
07/15/18 05:30 PM											8.5	133
07/15/18 06:00 PM											7.7	148
07/15/18 06:30 PM											8.5	149
07/15/18 07:00 PM											8.9	134
07/15/18 07:30 PM											7.9	140
07/15/18 08:00 PM											8.5	137
07/15/18 08:30 PM											8.5	135
07/15/18 09:00 PM											7.8	137
07/15/18 09:30 PM											7.7	131
07/15/18 10:00 PM											7.9	133
07/15/18 10:30 PM											8.5	132
07/15/18 11:00 PM											6.3	138
07/15/18 11:30 PM											6.4	139
07/16/18 12:00 AM											6.5	139

Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											6.5	149

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	CH6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/16/18 12:30 AM											7.4	139
07/16/18 01:00 AM											6.3	140
07/16/18 01:30 AM											6.9	142
07/16/18 02:00 AM											7.0	142
07/16/18 02:30 AM											6.3	147
07/16/18 03:00 AM											6.5	161
07/16/18 03:30 AM											6.2	158
07/16/18 04:00 AM											5.2	157
07/16/18 04:30 AM											5.6	163
07/16/18 05:00 AM											5.2	165
07/16/18 05:30 AM											4.8	168
07/16/18 06:00 AM											4.8	171
07/16/18 06:30 AM											4.7	172
07/16/18 07:00 AM											4.0	169
07/16/18 07:30 AM											4.2	162
07/16/18 08:00 AM											3.9	161
07/16/18 08:30 AM											5.1	171
07/16/18 09:00 AM											5.0	171
07/16/18 09:30 AM											4.9	161
07/16/18 10:00 AM											6.0	170
07/16/18 10:30 AM											6.1	171
07/16/18 11:00 AM											6.2	171
07/16/18 11:30 AM											6.1	183
07/16/18 12:00 PM											6.2	183
07/16/18 12:30 PM											6.7	170
07/16/18 01:00 PM											6.7	170
07/16/18 01:30 PM											6.8	177
07/16/18 02:00 PM	26039	399	2.08	0.01680	ND	ND	ND	ND	ND	ND	7.3	173
07/16/18 02:30 PM	26404	398	2.08	ND	ND	ND	ND	ND	ND	ND	7.0	173
07/16/18 03:00 PM	26242	398	2.05	ND	ND	ND	ND	ND	ND	ND	7.3	161
07/16/18 03:30 PM	26212	396	2.06	ND	ND	ND	ND	ND	ND	ND	6.8	165
07/16/18 04:00 PM	27061	396	2.04	ND	ND	ND	ND	ND	ND	ND	7.1	155
07/16/18 04:30 PM	26705	395	2.04	ND	ND	ND	ND	ND	ND	ND	8.2	128
07/16/18 05:00 PM	25165	396	2.03	ND	ND	ND	ND	ND	ND	ND	8.7	129
07/16/18 05:30 PM	25005	396	2.03	ND	ND	0.00418	ND	ND	ND	ND	7.5	138
07/16/18 06:00 PM	26653	393	2.04	ND	ND	ND	ND	ND	ND	ND	7.2	140
07/16/18 06:30 PM	26938	393	2.03	ND	0.00185	ND	0.00306	ND	ND	ND	7.5	129
07/16/18 07:00 PM	27656	393	2.02	ND	ND	ND	ND	ND	ND	ND	7.5	131
07/16/18 07:30 PM	27892	393	2.03	ND	ND	ND	ND	ND	ND	ND	6.8	130
07/16/18 08:00 PM	27783	392	2.03	ND	ND	ND	ND	ND	ND	ND	6.5	135
07/16/18 08:30 PM	27561	392	2.05	ND	ND	ND	ND	ND	ND	ND	6.1	134
07/16/18 09:00 PM	27886	391	2.06	ND	ND	ND	ND	ND	0.00213	ND	5.8	136
07/16/18 09:30 PM	28044	391	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	134
07/16/18 10:00 PM	27468	390	2.03	ND	ND	ND	ND	ND	0.00347	ND	6.4	132
07/16/18 10:30 PM	27838	391	2.03	ND	ND	ND	ND	ND	ND	ND	6.1	137
07/16/18 11:00 PM	28640	391	2.04	ND	ND	ND	ND	ND	0.00199	ND	5.7	135
07/16/18 11:30 PM	28763	390	2.04	ND	ND	ND	ND	ND	ND	ND	5.8	137
07/17/18 12:00 AM	28763	390	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	141

Daily Processed Summary (Average, Maximum)

Average	27098	394	2.04	0.00035	0.00004	0.00009	0.00006	BDL	0.00016	BDL	5.9	153
Maximum Value	28763	399	2.08	0.01680	0.00185	0.00418	0.00306	BDL	0.00347	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/17/18 12:30 AM	28853	392	2.04	ND	0.00085	ND	ND	ND	ND	ND	5.5	147
07/17/18 01:00 AM	28747	394	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	163
07/17/18 01:30 AM	28744	394	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	162
07/17/18 02:00 AM	28696	392	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	166
07/17/18 02:30 AM	28801	391	2.07	ND	ND	ND	ND	ND	ND	ND	4.8	162
07/17/18 03:00 AM	28792	391	2.09	ND	ND	ND	ND	ND	ND	ND	4.3	166
07/17/18 03:30 AM	28701	391	2.10	ND	ND	ND	ND	ND	ND	ND	4.5	167
07/17/18 04:00 AM	28714	390	2.11	ND	ND	ND	ND	ND	ND	ND	4.2	167
07/17/18 04:30 AM	28858	391	2.08	ND	ND	ND	ND	0.00173	ND	ND	4.3	172
07/17/18 05:00 AM	28907	392	2.13	ND	ND	ND	ND	ND	ND	ND	3.9	163
07/17/18 05:30 AM	29050	391	2.11	ND	ND	ND	ND	ND	ND	ND	4.4	162
07/17/18 06:00 AM	29021	392	2.10	ND	ND	ND	ND	ND	ND	ND	3.7	164
07/17/18 06:30 AM	29113	393	2.14	ND	ND	ND	ND	ND	ND	ND	3.2	171
07/17/18 07:00 AM	28877	392	2.06	ND	ND	ND	ND	ND	ND	ND	3.4	172
07/17/18 07:30 AM	28885	390	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	179
07/17/18 08:00 AM	29321	390	2.06	ND	ND	ND	ND	ND	ND	ND	3.7	187
07/17/18 08:30 AM	29488	392	2.06	ND	ND	ND	ND	ND	ND	ND	3.4	206
07/17/18 09:00 AM	29776	395	2.08	ND	ND	0.00456	ND	ND	ND	ND	3.5	245
07/17/18 09:30 AM	30166	399	2.09	ND	ND	ND	ND	ND	ND	ND	3.2	250
07/17/18 10:00 AM	30293	399	2.26	ND	ND	ND	ND	ND	ND	ND	3.8	251
07/17/18 10:30 AM	30064	400	2.40	ND	ND	ND	ND	ND	ND	ND	4.2	240
07/17/18 11:00 AM	28262	395	2.20	ND	ND	ND	0.00411	ND	ND	ND	4.3	202
07/17/18 11:30 AM	26891	394	2.11	ND	ND	ND	ND	ND	ND	ND	5.1	183
07/17/18 12:00 PM	26118	395	2.14	ND	ND	ND	ND	ND	ND	ND	4.9	190
07/17/18 12:30 PM	25482	396	2.06	ND	ND	ND	ND	ND	ND	ND	5.0	198
07/17/18 01:00 PM	25175	398	2.06	ND	ND	ND	ND	ND	ND	ND	4.7	194
07/17/18 01:30 PM	25157	398	2.05	ND	ND	ND	ND	ND	ND	ND	4.9	184
07/17/18 02:00 PM	25773	398	2.04	ND	ND	ND	ND	ND	ND	ND	4.7	151
07/17/18 02:30 PM	25358	397	2.03	ND	ND	ND	ND	ND	ND	ND	6.9	114
07/17/18 03:00 PM	25242	398	2.03	ND	ND	ND	ND	ND	ND	ND	7.6	112
07/17/18 03:30 PM	25861	397	2.03	ND	ND	ND	ND	ND	ND	ND	7.9	122
07/17/18 04:00 PM	25919	397	2.03	ND	ND	ND	ND	ND	ND	ND	8.6	123
07/17/18 04:30 PM	25295	398	2.04	ND	ND	ND	ND	ND	ND	ND	8.8	128
07/17/18 05:00 PM	25500	395	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	126
07/17/18 05:30 PM	25401	393	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	138
07/17/18 06:00 PM	25920	394	2.05	ND	ND	ND	ND	0.00165	ND	ND	8.2	136
07/17/18 06:30 PM	25217	396	2.05	ND	ND	ND	ND	ND	ND	ND	6.4	148
07/17/18 07:00 PM	25059	396	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	147
07/17/18 07:30 PM	25772	395	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	140
07/17/18 08:00 PM	26445	392	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	140
07/17/18 08:30 PM	26700	391	2.05	ND	ND	ND	ND	ND	ND	ND	6.1	144
07/17/18 09:00 PM	27076	390	2.05	ND	ND	ND	ND	ND	ND	ND	5.8	137
07/17/18 09:30 PM	27679	389	2.05	ND	ND	ND	ND	ND	ND	ND	6.0	137
07/17/18 10:00 PM	28315	388	2.04	ND	ND	ND	ND	ND	ND	ND	5.6	143
07/17/18 10:30 PM	28214	391	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	148
07/17/18 11:00 PM	29072	393	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	152
07/17/18 11:30 PM	28894	394	2.08	ND	ND	ND	ND	ND	ND	ND	4.2	158
07/18/18 12:00 AM	28955	392	2.09	ND	ND	ND	ND	ND	ND	ND	4.4	162

Daily Processed Summary (Average, Maximum)

Average	27638	394	2.08	BDL	0.00002	0.00010	0.00009	BDL	0.00007	BDL	4.5	156
Maximum Value	30293	400	2.40	BDL	0.00085	0.00456	0.00411	BDL	0.00173	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCl_AVE (ppm)	VCL_AVE (ppm)	CGH6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/18/18 12:30 AM	28992	392	2.10	ND	ND	ND	ND	ND	ND	ND	4.4	162
07/18/18 01:00 AM	29065	392	2.10	ND	0.00158	ND	ND	ND	ND	ND	4.2	160
07/18/18 01:30 AM	28911	392	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	157
07/18/18 02:00 AM	28994	391	2.09	ND	ND	ND	ND	ND	ND	ND	5.5	164
07/18/18 02:30 AM	29180	391	2.08	ND	0.00085	ND	ND	ND	ND	ND	4.8	169
07/18/18 03:00 AM	29343	390	2.06	ND	ND	ND	ND	ND	ND	ND	5.5	171
07/18/18 03:30 AM	29189	391	2.06	ND	ND	ND	ND	ND	ND	ND	5.0	170
07/18/18 04:00 AM	29401	391	2.08	ND	ND	ND	ND	ND	ND	ND	5.3	170
07/18/18 04:30 AM	29493	391	2.06	ND	ND	ND	ND	ND	ND	ND	5.2	173
07/18/18 05:00 AM	29606	391	2.05	ND	ND	ND	ND	ND	ND	ND	5.1	179
07/18/18 05:30 AM	29153	391	2.05	ND	ND	ND	ND	ND	ND	ND	4.0	188
07/18/18 06:00 AM	29125	392	2.04	ND	ND	ND	ND	ND	ND	ND	3.2	193
07/18/18 06:30 AM	29395	392	2.06	ND	ND	ND	ND	ND	ND	ND	4.1	189
07/18/18 07:00 AM	29360	393	2.05	ND	ND	ND	ND	ND	ND	ND	4.0	190
07/18/18 07:30 AM	29326	391	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	191
07/18/18 08:00 AM	29378	391	2.03	ND	ND	ND	ND	ND	ND	ND	4.5	189
07/18/18 08:30 AM	29442	392	2.04	ND	ND	ND	ND	ND	ND	ND	5.0	192
07/18/18 09:00 AM	29410	391	2.05	ND	ND	ND	ND	ND	0.00351	ND	5.9	188
07/18/18 09:30 AM	28725	392	2.04	ND	0.00095	ND	ND	ND	ND	ND	6.0	192
07/18/18 10:00 AM	28422	392	2.04	ND	ND	ND	ND	ND	ND	ND	7.1	185
07/18/18 10:30 AM	27548	394	2.04	ND	ND	ND	ND	ND	ND	ND	7.0	185
07/18/18 11:00 AM	26473	395	2.04	ND	ND	ND	ND	ND	ND	ND	7.5	188
07/18/18 11:30 AM	25782	396	2.04	ND	ND	ND	ND	ND	0.00275	ND	6.8	184
07/18/18 12:00 PM	25879	396	2.03	ND	ND	ND	ND	ND	ND	ND	6.8	182
07/18/18 12:30 PM	26053	395	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	175
07/18/18 01:00 PM	26734	396	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	168
07/18/18 01:30 PM	26677	396	2.03	ND	ND	ND	ND	ND	ND	ND	6.6	171
07/18/18 02:00 PM	26174	396	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	174
07/18/18 02:30 PM	26205	397	2.05	ND	ND	ND	ND	ND	0.00448	ND	6.5	178
07/18/18 03:00 PM	26192	396	2.05	ND	ND	ND	ND	ND	ND	ND	6.7	169
07/18/18 03:30 PM	26641	395	2.05	ND	ND	ND	ND	ND	ND	ND	6.5	158
07/18/18 04:00 PM	26094	396	2.05	ND	ND	ND	ND	ND	ND	ND	7.3	173
07/18/18 04:30 PM	26175	396	2.05	ND	ND	ND	ND	ND	ND	ND	6.7	172
07/18/18 05:00 PM	26688	397	2.05	ND	ND	ND	ND	0.00081	ND	ND	6.5	163
07/18/18 05:30 PM	27817	394	2.16	ND	ND	0.00398	ND	ND	ND	ND	7.5	137
07/18/18 06:00 PM	27733	394	2.15	ND	ND	ND	ND	ND	ND	ND	6.6	146
07/18/18 06:30 PM	28648	394	2.13	ND	ND	ND	ND	ND	ND	ND	8.0	144
07/18/18 07:00 PM	29158	393	2.11	ND	ND	ND	ND	ND	0.00256	ND	7.8	140
07/18/18 07:30 PM	29197	392	2.13	ND	ND	ND	ND	ND	ND	ND	7.3	142
07/18/18 08:00 PM	29092	392	2.07	ND	ND	ND	ND	ND	ND	ND	6.7	145
07/18/18 08:30 PM	29170	390	2.16	ND	ND	ND	ND	ND	ND	ND	6.7	138
07/18/18 09:00 PM	29309	390	2.13	ND	ND	ND	ND	ND	ND	ND	6.7	136
07/18/18 09:30 PM	29564	390	2.07	ND	ND	ND	ND	ND	ND	ND	6.5	135
07/18/18 10:00 PM	29790	389	2.07	ND	ND	ND	ND	ND	ND	ND	6.5	134
07/18/18 10:30 PM	29816	389	2.07	ND	ND	ND	ND	ND	ND	ND	6.5	135
07/18/18 11:00 PM	29870	390	2.13	ND	ND	ND	ND	ND	ND	ND	5.3	139
07/18/18 11:30 PM	29878	390	2.47	ND	ND	ND	ND	ND	ND	ND	5.4	137
07/19/18 12:00 AM	29924	392	2.38	ND	ND	ND	ND	ND	ND	ND	5.0	145

## Daily Processed Summary (Average, Maximum)

Average	28379	393	2.08	BDL	0.00007	0.00008	BDL	0.00002	0.00028	BDL	5.6	164
Maximum Value	29924	397	2.47	BDL	0.00158	0.00398	BDL	0.00081	0.00448	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/19/18 12:30 AM	29995	392	2.09	ND	ND	ND	ND	ND	ND	ND	5.2	162
07/19/18 01:00 AM	30125	393	2.08	ND	ND	ND	ND	ND	ND	ND	5.4	159
07/19/18 01:30 AM	30198	393	2.09	ND	ND	ND	ND	ND	ND	ND	5.4	159
07/19/18 02:00 AM	30205	392	2.09	ND	ND	ND	ND	ND	ND	ND	5.8	158
07/19/18 02:30 AM	29890	391	2.09	ND	0.00085	ND	ND	ND	ND	ND	6.5	162
07/19/18 03:00 AM	29908	390	2.08	ND	ND	ND	ND	ND	ND	ND	5.2	158
07/19/18 03:30 AM	30019	391	2.08	ND	0.00197	ND	ND	ND	ND	ND	5.5	163
07/19/18 04:00 AM	29934	393	2.08	ND	ND	ND	ND	ND	ND	ND	5.6	164
07/19/18 04:30 AM	29855	392	2.08	ND	ND	ND	ND	ND	ND	ND	5.5	167
07/19/18 05:00 AM	29507	392	2.05	ND	ND	ND	ND	ND	ND	ND	5.7	174
07/19/18 05:30 AM	29125	392	2.06	ND	0.00102	ND	ND	ND	ND	ND	5.0	173
07/19/18 06:00 AM	28973	392	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	173
07/19/18 06:30 AM	29055	392	2.04	ND	ND	ND	ND	ND	0.00146	ND	4.6	181
07/19/18 07:00 AM	28933	392	2.04	ND	ND	ND	0.00489	ND	ND	ND	5.0	177
07/19/18 07:30 AM	28661	390	2.04	ND	ND	ND	ND	ND	ND	ND	5.3	178
07/19/18 08:00 AM	28864	390	2.05	ND	ND	ND	ND	ND	ND	ND	6.1	185
07/19/18 08:30 AM	29223	392	2.06	ND	ND	ND	ND	ND	ND	ND	5.9	193
07/19/18 09:00 AM	28909	394	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	197
07/19/18 09:30 AM	28272	393	2.06	ND	ND	ND	ND	ND	ND	ND	6.5	185
07/19/18 10:00 AM	27859	395	2.06	ND	ND	ND	ND	ND	ND	ND	7.9	179
07/19/18 10:30 AM	27735	394	2.06	ND	ND	ND	ND	ND	ND	ND	7.7	189
07/19/18 11:00 AM	27250	395	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	185
07/19/18 11:30 AM	27551	394	2.05	ND	ND	ND	ND	ND	ND	ND	8.0	180
07/19/18 12:00 PM	27529	396	2.05	ND	ND	ND	ND	ND	ND	ND	8.1	180
07/19/18 12:30 PM	27604	396	2.04	ND	ND	ND	ND	ND	ND	ND	8.2	179
07/19/18 01:00 PM	27613	395	2.04	ND	ND	ND	ND	ND	ND	ND	8.2	184
07/19/18 01:30 PM	27407	395	2.04	ND	ND	ND	ND	ND	ND	ND	7.7	179
07/19/18 02:00 PM	27172	395	2.03	ND	ND	ND	ND	ND	ND	ND	8.1	181
07/19/18 02:30 PM	26726	395	2.04	ND	0.00084	ND	ND	ND	ND	ND	8.7	182
07/19/18 03:00 PM	26199	395	2.04	ND	ND	ND	ND	ND	ND	ND	7.5	181
07/19/18 03:30 PM	26142	395	2.05	ND	ND	ND	ND	ND	ND	ND	7.5	181
07/19/18 04:00 PM	26818	396	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	174
07/19/18 04:30 PM	26741	394	2.04	ND	ND	ND	ND	ND	ND	ND	7.6	176
07/19/18 05:00 PM	27699	393	2.09	ND	ND	ND	ND	ND	ND	ND	8.0	151
07/19/18 05:30 PM	28418	391	2.10	ND	ND	ND	ND	ND	ND	ND	8.7	141
07/19/18 06:00 PM	28946	390	2.07	ND	ND	ND	ND	ND	ND	ND	8.2	139
07/19/18 06:30 PM	29180	391	2.11	ND	ND	ND	ND	ND	ND	ND	8.2	137
07/19/18 07:00 PM	29286	392	2.10	ND	ND	ND	ND	ND	ND	ND	8.6	139
07/19/18 07:30 PM	29184	392	2.15	ND	ND	ND	ND	ND	ND	ND	8.1	143
07/19/18 08:00 PM	29056	392	2.26	ND	ND	ND	ND	ND	ND	ND	8.2	141
07/19/18 08:30 PM	29135	390	2.21	ND	ND	ND	ND	ND	ND	ND	7.6	144
07/19/18 09:00 PM	29687	388	2.25	ND	ND	ND	ND	ND	ND	ND	7.1	141
07/19/18 09:30 PM	30070	388	2.29	ND	ND	ND	ND	ND	ND	ND	6.6	143
07/19/18 10:00 PM	30166	389	2.52	ND	ND	ND	ND	ND	ND	ND	6.0	138
07/19/18 10:30 PM	30198	387	2.31	ND	ND	ND	ND	ND	ND	ND	6.3	137
07/19/18 11:00 PM	30018	388	2.18	ND	ND	ND	ND	ND	ND	ND	5.7	140
07/19/18 11:30 PM	29780	390	2.45	ND	ND	ND	ND	ND	ND	ND	5.5	140
07/20/18 12:00 AM	29826	390	2.59	0.00120	ND	ND	ND	ND	ND	ND	5.3	142

Daily Processed Summary (Average, Maximum)

Average	28763	392	2.12	0.00003	0.00010	BDL	0.00010	BDL	0.00003	BDL	6.4	165
Maximum Value	30205	396	2.59	0.00120	0.00197	BDL	0.00489	BDL	0.00146	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/20/18 12:30 AM	29982	392	2.40	ND	ND	ND	ND	ND	ND	ND	4.5	152
07/20/18 01:00 AM	30042	394	2.11	ND	ND	ND	ND	ND	ND	ND	4.7	159
07/20/18 01:30 AM	30250	394	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	166
07/20/18 02:00 AM	30354	393	2.09	ND	ND	ND	ND	ND	ND	ND	4.8	162
07/20/18 02:30 AM	30309	392	2.09	ND	ND	ND	ND	ND	ND	ND	5.1	162
07/20/18 03:00 AM	30342	392	2.10	ND	ND	ND	ND	ND	ND	ND	5.5	166
07/20/18 03:30 AM	30135	391	2.06	ND	ND	ND	ND	ND	ND	ND	6.5	171
07/20/18 04:00 AM	29881	391	2.05	ND	ND	ND	ND	ND	ND	ND	6.4	171
07/20/18 04:30 AM	29739	391	2.05	ND	ND	ND	ND	ND	ND	ND	5.8	171
07/20/18 05:00 AM	29470	389	2.04	ND	ND	ND	ND	ND	ND	ND	5.5	173
07/20/18 05:30 AM	29179	389	2.04	ND	ND	ND	ND	ND	ND	ND	4.7	171
07/20/18 06:00 AM	29358	389	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	174
07/20/18 06:30 AM	29351	390	2.04	ND	ND	ND	ND	ND	ND	ND	4.2	180
07/20/18 07:00 AM	29479	391	2.05	ND	ND	ND	ND	ND	ND	ND	2.7	176
07/20/18 07:30 AM	29356	392	2.04	ND	ND	ND	ND	ND	ND	ND	3.5	175
07/20/18 08:00 AM	29514	389	2.04	ND	ND	ND	ND	ND	ND	ND	3.8	175
07/20/18 08:30 AM	29582	390	2.04	ND	ND	ND	ND	ND	ND	ND	5.1	176
07/20/18 09:00 AM	29724	389	2.06	ND	ND	ND	ND	ND	ND	ND	5.4	177
07/20/18 09:30 AM	29205	388	2.06	ND	ND	ND	ND	ND	ND	ND	6.8	172
07/20/18 10:00 AM	27831	391	2.04	ND	ND	ND	0.00462	ND	ND	ND	7.4	181
07/20/18 10:30 AM	27756	392	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	185
07/20/18 11:00 AM	27866	392	2.07	ND	ND	ND	ND	ND	ND	ND	8.0	181
07/20/18 11:30 AM	27590	392	2.18	ND	ND	ND	ND	ND	ND	ND	7.8	185
07/20/18 12:00 PM	22669	330	1.85	ND	ND	ND	ND	ND	ND	ND	6.8	184
07/20/18 12:30 PM	187	14	0.02	ND	ND	ND	ND	ND	ND	ND	6.7	181
07/20/18 01:00 PM	32	7	0.06	ND	ND	ND	ND	ND	ND	ND	7.2	176
07/20/18 01:30 PM	-19	5	0.03	ND	ND	ND	ND	ND	ND	ND	7.6	172
07/20/18 02:00 PM	7	6	-0.01	ND	ND	ND	ND	ND	ND	ND	6.9	179
07/20/18 02:30 PM	20663	317	1.57	ND	ND	ND	ND	ND	ND	ND	7.2	181
07/20/18 03:00 PM	26046	395	2.01	ND	ND	ND	ND	ND	ND	ND	7.4	173
07/20/18 03:30 PM	25193	397	2.03	ND	ND	ND	ND	ND	ND	ND	6.4	172
07/20/18 04:00 PM	25843	398	2.03	ND	ND	ND	ND	ND	ND	ND	7.1	159
07/20/18 04:30 PM	26785	397	2.01	ND	ND	ND	ND	ND	ND	ND	7.9	138
07/20/18 05:00 PM	26447	392	2.06	ND	ND	ND	ND	ND	ND	ND	8.1	147
07/20/18 05:30 PM	27262	392	2.07	ND	ND	ND	ND	ND	ND	ND	8.0	140
07/20/18 06:00 PM	27189	393	2.13	ND	ND	ND	ND	ND	ND	ND	6.9	153
07/20/18 06:30 PM	27559	392	2.13	ND	ND	ND	ND	ND	ND	ND	6.0	147
07/20/18 07:00 PM	27309	390	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	145
07/20/18 07:30 PM	27596	393	2.20	ND	0.00084	ND	ND	ND	ND	ND	6.5	145
07/20/18 08:00 PM	28493	391	2.14	ND	ND	ND	ND	ND	ND	ND	6.6	138
07/20/18 08:30 PM	29216	390	2.20	ND	ND	ND	ND	ND	ND	ND	6.0	137
07/20/18 09:00 PM	29668	390	2.08	ND	ND	ND	ND	ND	ND	ND	5.8	134
07/20/18 09:30 PM	29979	389	2.08	ND	ND	ND	ND	ND	ND	ND	5.5	134
07/20/18 10:00 PM	30156	386	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	136
07/20/18 10:30 PM	30363	387	2.04	ND	ND	ND	ND	ND	ND	ND	6.2	136
07/20/18 11:00 PM	30373	389	2.07	ND	ND	ND	ND	ND	ND	ND	6.7	138
07/20/18 11:30 PM	30383	390	2.16	ND	ND	ND	ND	ND	0.00174	ND	6.8	149
07/21/18 12:00 AM	30400	393	2.04	ND	ND	ND	ND	ND	0.00379	ND	5.5	157

Daily Processed Summary (Average, Maximum)

Average	26169	357	1.90	BDL	0.00002	BDL	0.00010	BDL	0.00012	BDL	5.9	163
Maximum Value	30400	398	2.40	BDL	0.00084	BDL	0.00462	BDL	0.00379	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	CEHG_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/21/18 12:30 AM	30235	392	2.05	ND	ND	ND	ND	ND	ND	ND	5.4	162
07/21/18 01:00 AM	30292	393	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	164
07/21/18 01:30 AM	30451	393	2.05	ND	ND	ND	ND	ND	0.00335	ND	5.4	161
07/21/18 02:00 AM	30566	393	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	163
07/21/18 02:30 AM	30247	394	2.10	ND	ND	ND	ND	ND	ND	ND	4.9	161
07/21/18 03:00 AM	29927	395	2.14	ND	ND	ND	ND	ND	ND	ND	4.6	166
07/21/18 03:30 AM	30038	395	2.14	ND	ND	ND	ND	ND	ND	ND	4.5	165
07/21/18 04:00 AM	30025	393	2.12	ND	ND	ND	ND	ND	ND	ND	4.3	172
07/21/18 04:30 AM	29777	393	2.05	ND	ND	ND	ND	ND	ND	ND	4.9	173
07/21/18 05:00 AM	29780	392	2.03	ND	0.00119	ND	ND	ND	ND	ND	5.1	173
07/21/18 05:30 AM	29808	390	2.00	ND	ND	ND	ND	ND	ND	ND	4.3	175
07/21/18 06:00 AM	29737	392	1.99	ND	ND	ND	ND	ND	ND	ND	4.2	185
07/21/18 06:30 AM	29777	394	2.01	ND	ND	ND	ND	ND	ND	ND	3.0	198
07/21/18 07:00 AM	29661	392	2.01	ND	ND	ND	ND	0.00084	ND	ND	2.7	182
07/21/18 07:30 AM	29502	390	2.01	ND	ND	ND	ND	ND	ND	ND	2.9	187
07/21/18 08:00 AM	29427	391	2.01	ND	ND	ND	ND	ND	ND	ND	4.0	185
07/21/18 08:30 AM	29286	390	2.00	ND	0.00077	ND	ND	ND	ND	ND	4.5	183
07/21/18 09:00 AM	29308	389	2.01	ND	ND	ND	ND	ND	ND	ND	5.1	183
07/21/18 09:30 AM	29550	391	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	188
07/21/18 10:00 AM	28519	392	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	197
07/21/18 10:30 AM	27727	391	2.01	ND	ND	ND	ND	0.00149	ND	ND	5.8	193
07/21/18 11:00 AM	27212	393	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	183
07/21/18 11:30 AM	27735	392	2.02	ND	0.00081	ND	ND	ND	ND	ND	5.4	196
07/21/18 12:00 PM	26925	393	2.03	ND	ND	ND	ND	ND	ND	ND	5.9	177
07/21/18 12:30 PM	26682	394	2.03	ND	ND	ND	ND	ND	ND	ND	5.4	180
07/21/18 01:00 PM	26440	393	2.03	ND	ND	ND	ND	ND	ND	ND	6.2	185
07/21/18 01:30 PM	26687	393	2.03	ND	ND	ND	ND	ND	ND	ND	6.1	174
07/21/18 02:00 PM	26198	393	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	174
07/21/18 02:30 PM	25913	394	2.03	ND	ND	ND	ND	ND	ND	ND	5.6	169
07/21/18 03:00 PM	25798	395	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	169
07/21/18 03:30 PM	26286	395	2.03	ND	ND	ND	ND	0.00059	ND	ND	6.4	168
07/21/18 04:00 PM	26128	395	2.03	ND	ND	ND	ND	ND	ND	ND	6.1	170
07/21/18 04:30 PM	26599	395	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	164
07/21/18 05:00 PM	27964	394	2.03	ND	ND	ND	ND	ND	ND	ND	7.2	147
07/21/18 05:30 PM	27479	394	2.06	ND	ND	ND	ND	ND	ND	ND	7.0	165
07/21/18 06:00 PM	27238	393	2.04	ND	ND	ND	ND	ND	ND	ND	7.4	159
07/21/18 06:30 PM	27429	393	2.04	ND	ND	ND	ND	0.00065	ND	ND	6.9	160
07/21/18 07:00 PM	27442	392	2.10	ND	ND	ND	ND	ND	ND	ND	6.2	148
07/21/18 07:30 PM	27598	391	2.06	ND	ND	ND	0.00450	ND	ND	ND	6.9	133
07/21/18 08:00 PM	28440	389	2.05	ND	ND	ND	ND	ND	ND	ND	7.5	134
07/21/18 08:30 PM	28689	388	2.07	ND	ND	ND	ND	ND	ND	ND	6.1	137
07/21/18 09:00 PM	28860	389	2.18	ND	ND	ND	ND	ND	ND	ND	6.3	142
07/21/18 09:30 PM	29242	388	2.07	ND	ND	ND	ND	ND	ND	ND	6.6	141
07/21/18 10:00 PM	29729	389	2.11	ND	ND	ND	ND	ND	ND	ND	5.2	136
07/21/18 10:30 PM	29712	388	2.06	ND	0.00083	ND	0.00460	ND	ND	ND	4.9	139
07/21/18 11:00 PM	30012	387	2.12	ND	ND	ND	ND	ND	ND	ND	5.5	138
07/21/18 11:30 PM	29862	388	2.35	ND	ND	ND	ND	ND	ND	ND	5.6	138
07/22/18 12:00 AM	30192	388	2.60	ND	ND	ND	ND	ND	ND	ND	5.2	146

Daily Processed Summary (Average, Maximum)

Average	28586	392	2.07	BDL	0.00007	BDL	0.00019	0.00007	0.00007	BDL	5.2	165
Maximum Value	30566	395	2.60	BDL	0.00119	BDL	0.00460	0.00149	0.00335	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCl_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/22/18 12:30 AM	30448	389	2.09	ND	ND	ND	ND	ND	ND	ND	5.6	161
07/22/18 01:00 AM	30504	387	2.08	ND	ND	ND	ND	0.00058	ND	ND	6.0	163
07/22/18 01:30 AM	30750	387	2.07	ND	ND	ND	ND	ND	ND	ND	6.4	169
07/22/18 02:00 AM	30746	387	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	172
07/22/18 02:30 AM	30709	386	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	175
07/22/18 03:00 AM	30671	385	2.03	ND	ND	ND	ND	ND	ND	ND	5.8	172
07/22/18 03:30 AM	30622	384	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	174
07/22/18 04:00 AM	30596	383	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	185
07/22/18 04:30 AM	30473	387	2.02	ND	ND	ND	ND	ND	ND	ND	5.1	197
07/22/18 05:00 AM	30396	388	2.02	ND	ND	ND	ND	ND	ND	ND	5.1	194
07/22/18 05:30 AM	30013	389	2.03	ND	ND	ND	ND	ND	ND	ND	6.2	193
07/22/18 06:00 AM	29543	391	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	194
07/22/18 06:30 AM	29576	392	2.04	ND	ND	ND	ND	ND	ND	ND	3.7	197
07/22/18 07:00 AM	29479	393	2.04	ND	0.00076	ND	ND	ND	ND	ND	2.5	191
07/22/18 07:30 AM	29437	392	2.04	ND	ND	ND	ND	ND	ND	ND	2.9	189
07/22/18 08:00 AM	29705	390	2.03	ND	ND	ND	ND	ND	ND	ND	4.0	190
07/22/18 08:30 AM	29619	388	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	189
07/22/18 09:00 AM	29714	387	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	203
07/22/18 09:30 AM	29327	390	2.04	ND	ND	ND	ND	ND	ND	ND	5.1	199
07/22/18 10:00 AM	28194	392	2.04	ND	ND	ND	ND	ND	ND	ND	5.3	192
07/22/18 10:30 AM	27867	393	2.04	ND	ND	ND	ND	ND	ND	ND	5.0	196
07/22/18 11:00 AM	27630	394	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	194
07/22/18 11:30 AM	26888	394	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	183
07/22/18 12:00 PM	26178	394	2.02	ND	ND	ND	ND	ND	ND	ND	6.6	185
07/22/18 12:30 PM	26372	395	2.02	ND	ND	ND	ND	ND	ND	ND	7.4	181
07/22/18 01:00 PM	26894	394	2.02	ND	ND	ND	ND	ND	ND	ND	7.7	179
07/22/18 01:30 PM	26910	395	2.02	ND	ND	ND	ND	ND	ND	ND	8.0	181
07/22/18 02:00 PM	26465	395	2.01	ND	ND	ND	ND	ND	ND	ND	7.6	176
07/22/18 02:30 PM	26659	396	2.02	ND	ND	ND	ND	ND	ND	ND	7.4	173
07/22/18 03:00 PM	25843	396	2.01	ND	ND	ND	ND	ND	ND	ND	7.2	174
07/22/18 03:30 PM	25551	395	2.02	ND	ND	ND	0.00423	ND	ND	ND	6.9	179
07/22/18 04:00 PM	24708	396	2.01	ND	ND	ND	ND	ND	ND	ND	7.4	181
07/22/18 04:30 PM	24573	396	2.02	ND	ND	ND	ND	ND	ND	ND	7.1	175
07/22/18 05:00 PM	25161	396	2.02	ND	ND	ND	ND	ND	ND	ND	7.1	168
07/22/18 05:30 PM	25103	397	2.02	ND	ND	ND	ND	ND	ND	ND	6.7	170
07/22/18 06:00 PM	25094	396	2.03	ND	0.00156	ND	ND	ND	ND	ND	6.8	175
07/22/18 06:30 PM	25526	396	2.03	ND	ND	ND	ND	ND	ND	ND	7.2	171
07/22/18 07:00 PM	25711	395	2.03	ND	ND	ND	ND	ND	ND	ND	6.3	156
07/22/18 07:30 PM	26441	395	2.09	ND	ND	ND	ND	ND	ND	ND	6.3	150
07/22/18 08:00 PM	27035	394	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	161
07/22/18 08:30 PM	27762	393	2.05	ND	0.00086	ND	ND	ND	ND	ND	6.2	162
07/22/18 09:00 PM	28371	391	2.05	ND	ND	ND	ND	ND	ND	ND	5.3	162
07/22/18 09:30 PM	29035	389	2.05	ND	0.00106	ND	ND	ND	ND	ND	5.1	153
07/22/18 10:00 PM	29486	391	2.06	ND	ND	ND	ND	ND	ND	ND	4.6	158
07/22/18 10:30 PM	29809	389	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	164
07/22/18 11:00 PM	30224	389	2.06	ND	ND	ND	ND	ND	ND	ND	4.6	163
07/22/18 11:30 PM	30274	388	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	163
07/23/18 12:00 AM	30557	388	2.07	ND	ND	ND	ND	ND	ND	ND	5.7	167

Daily Processed Summary (Average, Maximum)

Average	28305	391	2.04	BDL	0.00009	BDL	0.00009	0.00001	BDL	BDL	5.7	176
Maximum Value	30750	397	2.09	BDL	0.00156	BDL	0.00423	0.00058	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCl_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/23/18 12:30 AM	30765	387	2.05	ND	ND	ND	ND	ND	ND	ND	6.3	172
07/23/18 01:00 AM	30713	388	2.03	ND	ND	ND	ND	ND	ND	ND	6.0	171
07/23/18 01:30 AM	30745	388	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	172
07/23/18 02:00 AM	30710	386	2.02	ND	ND	ND	ND	ND	ND	ND	6.1	171
07/23/18 02:30 AM	30587	386	2.01	ND	ND	ND	ND	ND	ND	ND	6.7	174
07/23/18 03:00 AM	30558	387	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	180
07/23/18 03:30 AM	30419	388	2.01	ND	ND	ND	ND	ND	ND	ND	6.1	186
07/23/18 04:00 AM	29990	388	2.01	ND	ND	ND	ND	ND	ND	ND	7.2	185
07/23/18 04:30 AM	29641	387	2.01	ND	ND	ND	ND	ND	ND	ND	6.8	190
07/23/18 05:00 AM	29238	386	2.01	ND	ND	ND	ND	ND	ND	ND	7.0	192
07/23/18 05:30 AM	29039	384	2.01	ND	ND	ND	ND	ND	ND	ND	6.9	194
07/23/18 06:00 AM	29283	384	2.01	ND	ND	ND	ND	ND	ND	ND	6.0	192
07/23/18 06:30 AM	29447	386	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	194
07/23/18 07:00 AM	29226	388	2.01	ND	ND	ND	ND	ND	ND	ND	5.5	196
07/23/18 07:30 AM	28889	389	2.01	ND	ND	ND	ND	ND	ND	ND	5.7	195
07/23/18 08:00 AM	28753	389	2.02	ND	ND	0.00400	ND	ND	ND	ND	4.9	203
07/23/18 08:30 AM	28877	389	2.04	ND	ND	ND	ND	ND	ND	ND	4.3	203
07/23/18 09:00 AM	29249	391	2.05	ND	ND	ND	ND	ND	ND	ND	4.7	194
07/23/18 09:30 AM	29067	391	2.05	ND	ND	ND	ND	0.00070	ND	ND	3.4	201
07/23/18 10:00 AM	28704	390	2.06	ND	ND	ND	ND	ND	ND	ND	4.1	179
07/23/18 10:30 AM	28405	391	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	190
07/23/18 11:00 AM	28293	391	2.05	ND	0.00077	ND	ND	ND	ND	ND	6.0	190
07/23/18 11:30 AM	28199	392	2.05	ND	ND	ND	ND	ND	ND	ND	5.8	191
07/23/18 12:00 PM	28240	392	2.05	ND	ND	ND	ND	ND	ND	ND	5.7	171
07/23/18 12:30 PM	28002	393	2.05	ND	ND	ND	ND	ND	ND	ND	6.0	186
07/23/18 01:00 PM	28196	390	2.05	ND	0.00094	ND	ND	ND	ND	ND	5.5	171
07/23/18 01:30 PM	28529	391	2.05	ND	ND	ND	ND	ND	ND	ND	5.1	159
07/23/18 02:00 PM	27963	391	2.06	ND	ND	ND	ND	ND	0.00179	ND	4.2	159
07/23/18 02:30 PM	27510	393	2.05	ND	ND	ND	ND	ND	ND	ND	4.2	187
07/23/18 03:00 PM	28094	393	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	121
07/23/18 03:30 PM	28863	397	2.02	ND	ND	ND	ND	ND	ND	ND	5.6	112
07/23/18 04:00 PM	29697	393	2.02	ND	ND	ND	ND	ND	ND	ND	6.7	120
07/23/18 04:30 PM	30643	393	2.04	ND	ND	ND	ND	ND	ND	ND	9.1	114
07/23/18 05:00 PM	30796	391	2.04	ND	ND	ND	ND	ND	ND	ND	8.8	124
07/23/18 05:30 PM	30597	390	2.04	ND	ND	ND	ND	ND	ND	ND	8.2	122
07/23/18 06:00 PM	30675	387	2.04	ND	ND	ND	ND	ND	ND	ND	8.1	129
07/23/18 06:30 PM	30340	388	2.06	ND	ND	ND	ND	ND	ND	ND	7.8	133
07/23/18 07:00 PM	29509	391	2.17	ND	ND	ND	ND	ND	ND	ND	6.7	136
07/23/18 07:30 PM	29260	391	2.14	ND	ND	ND	ND	ND	ND	ND	7.0	142
07/23/18 08:00 PM	30085	390	2.05	ND	ND	ND	ND	ND	ND	ND	6.2	148
07/23/18 08:30 PM	30526	391	2.06	ND	ND	ND	ND	ND	ND	ND	6.7	152
07/23/18 09:00 PM	30880	389	2.07	ND	ND	ND	ND	ND	ND	ND	6.6	159
07/23/18 09:30 PM	30691	386	2.06	ND	ND	ND	ND	ND	ND	ND	6.3	162
07/23/18 10:00 PM	30696	387	2.07	ND	ND	ND	ND	ND	0.00392	ND	5.6	165
07/23/18 10:30 PM	30852	388	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	163
07/23/18 11:00 PM	30760	388	2.06	ND	ND	ND	ND	ND	ND	ND	6.8	163
07/23/18 11:30 PM	30591	387	2.07	ND	ND	ND	ND	ND	ND	ND	6.2	167
07/24/18 12:00 AM	30238	389	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	171

Daily Processed Summary (Average, Maximum)

Average	29605	389	2.04	BDL	0.00004	0.00008	BDL	0.00001	0.00012	BDL	5.5	166
Maximum Value	30880	397	2.17	BDL	0.00094	0.00400	BDL	0.00070	0.00392	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/24/18 12:30 AM	30041	390	2.06	ND	ND	ND	ND	ND	ND	ND	6.5	165
07/24/18 01:00 AM	29917	389	2.07	ND	ND	ND	ND	ND	ND	ND	6.0	166
07/24/18 01:30 AM	29963	387	2.03	ND	ND	ND	ND	ND	ND	ND	6.0	172
07/24/18 02:00 AM	29878	386	2.01	ND	ND	ND	ND	ND	ND	ND	5.7	172
07/24/18 02:30 AM	29545	385	2.01	ND	ND	ND	ND	ND	ND	ND	6.2	176
07/24/18 03:00 AM	29269	386	2.03	ND	ND	ND	ND	ND	ND	ND	7.1	179
07/24/18 03:30 AM	29192	386	2.02	ND	0.00095	ND	ND	ND	ND	ND	7.8	183
07/24/18 04:00 AM	29514	387	2.01	ND	ND	ND	0.01051	ND	ND	ND	6.4	189
07/24/18 04:30 AM	29370	386	2.01	ND	ND	ND	0.01051	ND	ND	ND	6.1	206
07/24/18 05:00 AM	29458	385	2.02	ND	0.00231	ND	ND	ND	ND	ND	5.4	217
07/24/18 05:30 AM	29586	386	2.02	ND	0.00094	ND	ND	ND	ND	ND	5.4	210
07/24/18 06:00 AM	29920	388	2.03	ND	0.00109	ND	ND	ND	ND	ND	3.9	221
07/24/18 06:30 AM	29858	388	2.05	ND	ND	ND	ND	ND	ND	ND	3.8	218
07/24/18 07:00 AM	29947	389	2.05	ND	0.00226	ND	ND	ND	ND	ND	3.4	217
07/24/18 07:30 AM	29566	389	2.05	ND	0.00302	ND	ND	ND	ND	ND	3.4	240
07/24/18 08:00 AM	28824	390	2.07	ND	ND	ND	ND	ND	ND	ND	2.9	279
07/24/18 08:30 AM	28870	391	2.08	ND	ND	ND	ND	ND	ND	ND	2.7	212
07/24/18 09:00 AM	28756	392	2.13	ND	ND	ND	ND	ND	ND	ND	3.0	322
07/24/18 09:30 AM	28442	393	2.15	ND	ND	ND	ND	ND	ND	ND	2.0	273
07/24/18 10:00 AM	28154	393	2.14	ND	ND	ND	ND	ND	ND	ND	2.4	252
07/24/18 10:30 AM	28346	395	2.16	ND	ND	ND	ND	ND	ND	ND	2.4	168
07/24/18 11:00 AM	28292	396	2.16	ND	ND	ND	ND	ND	ND	ND	2.3	98
07/24/18 11:30 AM	27959	396	2.16	ND	ND	ND	ND	ND	ND	ND	3.9	116
07/24/18 12:00 PM	28056	399	2.14	ND	ND	ND	ND	ND	ND	ND	6.1	122
07/24/18 12:30 PM	28052	396	2.09	ND	ND	ND	ND	ND	ND	ND	6.3	121
07/24/18 01:00 PM	27740	397	2.08	ND	ND	ND	ND	ND	ND	ND	4.8	150
07/24/18 01:30 PM	27231	398	2.07	ND	ND	ND	ND	ND	ND	ND	3.7	159
07/24/18 02:00 PM	28595	398	2.08	ND	ND	ND	ND	ND	ND	ND	6.2	136
07/24/18 02:30 PM	29057	396	2.06	ND	ND	ND	ND	ND	ND	ND	7.2	127
07/24/18 03:00 PM	29882	390	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	114
07/24/18 03:30 PM	29612	389	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	123
07/24/18 04:00 PM	28933	388	2.03	ND	ND	ND	ND	ND	ND	ND	8.5	122
07/24/18 04:30 PM	27566	391	2.01	ND	ND	ND	ND	ND	ND	ND	8.5	122
07/24/18 05:00 PM	28681	391	2.02	ND	ND	ND	ND	ND	ND	ND	8.7	123
07/24/18 05:30 PM	27822	390	2.02	ND	ND	ND	ND	ND	ND	ND	7.7	125
07/24/18 06:00 PM	28331	389	2.03	ND	ND	ND	ND	ND	ND	ND	6.9	124
07/24/18 06:30 PM	30172	386	2.04	ND	ND	ND	ND	ND	ND	ND	6.5	112
07/24/18 07:00 PM	30349	387	2.04	ND	ND	ND	ND	ND	ND	ND	6.4	109
07/24/18 07:30 PM	30465	387	2.05	ND	ND	ND	ND	ND	ND	ND	6.0	109
07/24/18 08:00 PM	29976	387	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	109
07/24/18 08:30 PM	30191	386	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	101
07/24/18 09:00 PM	30438	384	2.04	ND	ND	ND	ND	ND	ND	ND	4.4	109
07/24/18 09:30 PM	30471	384	2.04	ND	ND	ND	ND	ND	ND	ND	2.8	99
07/24/18 10:00 PM	30363	389	2.08	ND	ND	ND	ND	ND	ND	ND	2.8	77
07/24/18 10:30 PM	30141	389	2.10	ND	ND	ND	ND	ND	ND	ND	2.6	92
07/24/18 11:00 PM	30247	391	2.12	ND	0.00113	ND	ND	ND	ND	ND	2.6	103
07/24/18 11:30 PM	30099	390	2.15	ND	ND	ND	ND	ND	ND	ND	2.7	98
07/25/18 12:00 AM	29221	391	2.16	ND	ND	ND	ND	ND	ND	ND	2.5	105

Daily Processed Summary (Average, Maximum)

Average	29257	390	2.07	BDL	0.00024	BDL	0.00022	BDL	BDL	BDL	3.7	145
Maximum Value	30471	399	2.16	BDL	0.00302	BDL	0.01051	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/25/18 12:30 AM	28953	390	2.16	ND	0.00109	ND	ND	ND	ND	ND	1.9	93
07/25/18 01:00 AM	29251	388	2.12	ND	ND	ND	ND	ND	ND	ND	1.2	92
07/25/18 01:30 AM	29318	393	2.24	ND	0.00340	ND	ND	ND	ND	ND	0.9	104
07/25/18 02:00 AM	29110	393	2.25	ND	0.00073	ND	ND	ND	ND	ND	0.9	96
07/25/18 02:30 AM	29048	388	2.22	ND	ND	ND	ND	ND	ND	ND	2.0	79
07/25/18 03:00 AM	28760	387	2.25	ND	0.00089	ND	ND	ND	ND	ND	2.0	73
07/25/18 03:30 AM	28497	391	2.18	ND	ND	ND	ND	ND	ND	ND	1.9	80
07/25/18 04:00 AM	28310	394	2.21	ND	ND	ND	ND	ND	ND	ND	1.5	80
07/25/18 04:30 AM	29332	395	2.28	ND	ND	ND	ND	ND	ND	ND	1.9	77
07/25/18 05:00 AM	29975	394	2.34	ND	ND	ND	ND	ND	ND	ND	1.4	67
07/25/18 05:30 AM	30242	397	2.37	ND	ND	ND	ND	ND	ND	ND	1.0	46
07/25/18 06:00 AM	29960	401	2.43	ND	ND	ND	ND	ND	ND	ND	0.6	54
07/25/18 06:30 AM	29689	405	2.40	ND	ND	ND	ND	ND	ND	ND	0.7	195
07/25/18 07:00 AM	27424	304	2.33	ND	ND	ND	ND	ND	ND	ND	1.1	306
07/25/18 07:30 AM	26024	283	2.29	ND	ND	ND	ND	ND	ND	ND	1.1	277
07/25/18 08:00 AM	27855	366	2.51	ND	ND	ND	ND	ND	ND	ND	0.9	323
07/25/18 08:30 AM	29048	416	2.61	ND	ND	ND	ND	ND	ND	ND	1.9	301
07/25/18 09:00 AM	30296	411	2.74	ND	ND	ND	ND	ND	ND	ND	2.0	320
07/25/18 09:30 AM	30998	406	2.63	ND	ND	ND	ND	ND	ND	ND	2.9	318
07/25/18 10:00 AM	30504	400	2.43	ND	0.00116	ND	ND	ND	ND	ND	3.6	306
07/25/18 10:30 AM	26270	390	2.25	ND	ND	ND	ND	ND	ND	ND	2.9	132
07/25/18 11:00 AM	24632	388	2.22	ND	ND	ND	ND	ND	ND	ND	4.1	86
07/25/18 11:30 AM	23447	388	2.22	ND	ND	ND	ND	ND	ND	ND	3.7	109
07/25/18 12:00 PM	25568	396	2.28	ND	ND	ND	ND	ND	ND	ND	4.8	199
07/25/18 12:30 PM	26187	393	2.26	ND	ND	ND	ND	ND	ND	ND	5.3	226
07/25/18 01:00 PM	25209	388	2.23	ND	ND	ND	ND	ND	ND	ND	4.9	233
07/25/18 01:30 PM	24059	391	2.22	ND	ND	ND	ND	ND	ND	ND	4.6	242
07/25/18 02:00 PM	2327	387	2.21	ND	ND	ND	ND	ND	ND	ND	4.3	194
07/25/18 02:30 PM	21316	386	2.21	ND	ND	ND	ND	ND	ND	ND	4.3	157
07/25/18 03:00 PM	22201	387	2.27	ND	ND	ND	ND	ND	ND	ND	5.5	148
07/25/18 03:30 PM	23006	387	2.20	ND	ND	ND	ND	ND	ND	ND	5.5	140
07/25/18 04:00 PM	22964	386	2.20	ND	ND	ND	ND	ND	ND	ND	5.1	143
07/25/18 04:30 PM	23184	386	2.20	ND	ND	ND	ND	ND	ND	ND	6.5	140
07/25/18 05:00 PM	22461	389	2.18	ND	ND	ND	ND	ND	ND	ND	6.7	135
07/25/18 05:30 PM	22290	392	2.18	ND	ND	ND	ND	ND	ND	ND	5.9	139
07/25/18 06:00 PM	22412	388	2.16	ND	ND	ND	ND	ND	ND	ND	6.9	131
07/25/18 06:30 PM	22099	384	2.16	ND	ND	ND	0.00542	ND	ND	ND	6.9	113
07/25/18 07:00 PM	21194	383	2.15	ND	ND	ND	ND	ND	ND	ND	6.7	108
07/25/18 07:30 PM	20817	380	2.13	ND	ND	ND	ND	ND	ND	ND	7.3	109
07/25/18 08:00 PM	21539	376	2.14	ND	ND	ND	ND	ND	ND	ND	6.5	106
07/25/18 08:30 PM	22125	377	2.16	ND	ND	ND	ND	ND	ND	ND	5.4	110
07/25/18 09:00 PM	22446	378	2.16	ND	0.00178	ND	ND	ND	ND	ND	5.3	110
07/25/18 09:30 PM	23319	378	2.18	ND	ND	ND	ND	ND	ND	ND	5.7	117
07/25/18 10:00 PM	24421	378	2.21	ND	ND	ND	ND	ND	ND	ND	4.9	135
07/25/18 10:30 PM	25128	379	2.60	ND	ND	ND	ND	ND	ND	ND	5.0	141
07/25/18 11:00 PM	25248	383	2.64	ND	ND	ND	ND	ND	ND	ND	3.9	153
07/25/18 11:30 PM	25301	386	2.72	ND	ND	ND	ND	ND	ND	ND	4.0	151
07/26/18 12:00 AM	24984	383	2.77	ND	ND	ND	ND	ND	ND	ND	4.1	152

## Daily Processed Summary (Average, Maximum)

Average	25807	385	2.30	BDL	0.00019	BDL	0.00011	BDL	BDL	BDL	2.4	133
Maximum Value	30998	416	2.77	BDL	0.00340	BDL	0.00542	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/26/18 12:30 AM	24645	383	2.49	ND	ND	ND	ND	ND	ND	ND	3.6	159
07/26/18 01:00 AM	24189	384	2.31	ND	0.00117	ND	ND	ND	ND	ND	3.3	167
07/26/18 01:30 AM	24598	383	2.35	ND	ND	ND	ND	ND	ND	ND	3.2	159
07/26/18 02:00 AM	24167	383	2.26	ND	ND	ND	ND	ND	ND	ND	2.4	134
07/26/18 02:30 AM	24194	387	2.49	ND	ND	ND	ND	ND	ND	ND	2.7	131
07/26/18 03:00 AM	23958	389	2.55	ND	ND	ND	ND	ND	ND	ND	1.8	142
07/26/18 03:30 AM	23787	387	2.77	ND	ND	ND	ND	ND	ND	ND	1.5	149
07/26/18 04:00 AM	23918	382	2.62	ND	ND	ND	ND	ND	ND	ND	1.4	164
07/26/18 04:30 AM	24264	379	2.67	ND	ND	ND	ND	ND	ND	ND	0.7	131
07/26/18 05:00 AM	24243	380	2.32	ND	ND	ND	ND	ND	ND	ND	0.6	132
07/26/18 05:30 AM	24510	384	2.24	ND	ND	ND	ND	ND	ND	ND	0.7	168
07/26/18 06:00 AM	24748	386	2.21	ND	ND	ND	ND	ND	ND	ND	1.0	216
07/26/18 06:30 AM	25403	400	2.33	ND	ND	ND	ND	ND	ND	ND	1.3	314
07/26/18 07:00 AM	25709	404	2.72	ND	ND	ND	ND	ND	ND	ND	1.5	313
07/26/18 07:30 AM	25550	401	2.85	ND	ND	ND	ND	ND	ND	ND	1.3	331
07/26/18 08:00 AM	26339	397	2.75	ND	ND	ND	ND	ND	ND	ND	1.5	288
07/26/18 08:30 AM	27078	399	2.69	ND	ND	ND	ND	ND	ND	ND	2.1	326
07/26/18 09:00 AM	27640	395	2.54	ND	ND	ND	ND	ND	ND	ND	2.9	292
07/26/18 09:30 AM	27615	393	2.44	ND	ND	ND	ND	ND	ND	ND	3.3	252
07/26/18 10:00 AM	27604	391	2.38	ND	0.00221	ND	ND	ND	ND	ND	3.4	253
07/26/18 10:30 AM	27101	392	2.35	ND	0.00379	ND	ND	ND	ND	ND	3.7	270
07/26/18 11:00 AM	26262	392	2.33	ND	ND	ND	ND	0.00077	ND	ND	3.9	262
07/26/18 11:30 AM	25101	396	2.33	ND	0.00105	ND	ND	ND	ND	ND	3.9	260
07/26/18 12:00 PM	22692	395	2.25	ND	ND	ND	ND	ND	ND	ND	4.7	246
07/26/18 12:30 PM	19654	391	2.18	ND	0.00115	ND	0.00412	ND	ND	ND	4.8	125
07/26/18 01:00 PM	19619	390	2.15	ND	ND	ND	0.00435	ND	ND	ND	5.9	134
07/26/18 01:30 PM	19758	391	2.14	ND	ND	ND	ND	ND	0.00140	ND	7.6	136
07/26/18 02:00 PM	19015	392	2.16	ND	ND	ND	ND	ND	ND	ND	7.2	143
07/26/18 02:30 PM	18824	390	2.16	ND	ND	ND	ND	ND	ND	ND	7.5	141
07/26/18 03:00 PM	19017	392	2.17	ND	ND	ND	ND	ND	ND	ND	7.8	134
07/26/18 03:30 PM	18827	395	2.14	ND	ND	ND	ND	ND	ND	ND	8.1	133
07/26/18 04:00 PM	18911	392	2.14	ND	ND	ND	ND	ND	ND	ND	8.8	128
07/26/18 04:30 PM	19582	391	2.15	ND	ND	ND	ND	ND	ND	ND	8.2	130
07/26/18 05:00 PM	20364	389	2.15	ND	ND	ND	ND	ND	ND	ND	8.8	120
07/26/18 05:30 PM	20341	390	2.14	ND	ND	ND	ND	ND	ND	ND	8.2	118
07/26/18 06:00 PM	20203	387	2.14	ND	ND	ND	ND	ND	ND	ND	7.8	115
07/26/18 06:30 PM	20380	385	2.16	ND	ND	ND	ND	ND	ND	ND	7.1	118
07/26/18 07:00 PM	20954	387	2.18	ND	ND	ND	ND	ND	ND	ND	7.0	117
07/26/18 07:30 PM	21577	387	2.17	ND	ND	ND	ND	ND	ND	ND	7.1	115
07/26/18 08:00 PM	21940	386	2.17	ND	ND	ND	0.00509	0.00141	ND	ND	6.6	122
07/26/18 08:30 PM	22236	385	2.16	ND	ND	ND	ND	ND	ND	ND	5.7	132
07/26/18 09:00 PM	22635	385	2.19	ND	ND	ND	ND	ND	ND	ND	5.1	142
07/26/18 09:30 PM	23843	384	2.67	ND	ND	ND	ND	ND	ND	ND	4.9	139
07/26/18 10:00 PM	24736	382	2.69	ND	ND	ND	ND	ND	ND	ND	4.2	153
07/26/18 10:30 PM	25243	380	2.25	ND	ND	ND	ND	ND	ND	ND	3.6	161
07/26/18 11:00 PM	25707	382	2.24	ND	0.00187	ND	ND	ND	ND	ND	4.3	163
07/26/18 11:30 PM	25912	382	2.21	ND	ND	ND	ND	ND	ND	ND	4.1	168
07/27/18 12:00 AM	26423	381	2.22	ND	ND	ND	ND	ND	ND	ND	3.5	173

Daily Processed Summary (Average, Maximum)

Average	23354	389	2.34	BDL	0.00023	BDL	0.00028	0.00005	0.00003	BDL	3.1	143
Maximum Value	27640	404	2.85	BDL	0.00379	BDL	0.00509	0.00141	0.00140	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/27/18 12:30 AM	26939	381	2.17	ND	ND	ND	ND	ND	ND	ND	3.4	172
07/27/18 01:00 AM	27037	379	2.17	ND	ND	ND	ND	ND	ND	ND	3.3	173
07/27/18 01:30 AM	27385	378	2.17	ND	ND	ND	ND	ND	ND	ND	3.4	171
07/27/18 02:00 AM	27623	376	2.17	ND	ND	ND	ND	ND	ND	ND	2.1	195
07/27/18 02:30 AM	27428	376	2.17	ND	ND	ND	ND	ND	ND	ND	2.1	169
07/27/18 03:00 AM	27300	378	2.18	ND	ND	ND	ND	ND	ND	ND	1.8	188
07/27/18 03:30 AM	27528	380	2.19	ND	ND	ND	ND	ND	ND	ND	1.7	217
07/27/18 04:00 AM	27875	384	2.29	ND	ND	ND	ND	ND	ND	ND	1.7	292
07/27/18 04:30 AM	27141	393	2.33	ND	ND	ND	ND	ND	ND	ND	1.6	243
07/27/18 05:00 AM	26574	396	2.42	ND	ND	ND	ND	ND	ND	ND	1.4	334
07/27/18 05:30 AM	26093	395	2.59	ND	ND	ND	ND	ND	ND	ND	1.5	337
07/27/18 06:00 AM	25998	395	2.74	ND	ND	ND	ND	ND	ND	ND	1.2	309
07/27/18 06:30 AM	26081	392	2.71	ND	ND	ND	ND	ND	ND	ND	1.5	334
07/27/18 07:00 AM	25706	390	2.61	ND	ND	ND	ND	ND	0.00181	ND	0.9	320
07/27/18 07:30 AM	25629	396	2.71	ND	ND	ND	ND	ND	ND	ND	1.2	329
07/27/18 08:00 AM	25788	395	2.59	ND	ND	ND	ND	ND	ND	ND	1.0	331
07/27/18 08:30 AM	26725	395	2.55	ND	ND	ND	ND	ND	ND	ND	2.0	330
07/27/18 09:00 AM	27318	392	2.57	ND	ND	ND	ND	ND	ND	ND	2.6	343
07/27/18 09:30 AM	27466	386	2.39	ND	ND	ND	ND	ND	ND	ND	3.1	344
07/27/18 10:00 AM	27673	385	2.33	ND	0.00155	ND	ND	ND	ND	ND	3.3	303
07/27/18 10:30 AM	27308	386	2.28	ND	0.00106	ND	ND	ND	ND	ND	4.4	300
07/27/18 11:00 AM	26951	386	2.25	ND	0.00111	ND	ND	ND	ND	ND	4.3	267
07/27/18 11:30 AM	26495	387	2.24	ND	ND	ND	ND	ND	ND	ND	4.1	252
07/27/18 12:00 PM	26036	387	2.25	ND	ND	ND	ND	ND	ND	ND	3.9	251
07/27/18 12:30 PM	25574	386	2.25	ND	ND	ND	ND	ND	ND	ND	3.0	220
07/27/18 01:00 PM	23023	387	2.18	ND	0.00249	ND	ND	ND	ND	ND	6.4	142
07/27/18 01:30 PM	22969	388	2.19	ND	ND	ND	ND	ND	ND	ND	8.0	119
07/27/18 02:00 PM	23060	389	2.19	ND	ND	ND	ND	ND	ND	ND	8.3	131
07/27/18 02:30 PM	23039	392	2.19	0.00137	ND	ND	ND	ND	ND	ND	8.2	133
07/27/18 03:00 PM	22478	393	2.16	ND	ND	ND	ND	ND	ND	ND	7.9	128
07/27/18 03:30 PM	23129	392	2.18	ND	ND	ND	ND	ND	ND	ND	8.6	117
07/27/18 04:00 PM	23629	388	2.18	ND	ND	ND	ND	ND	ND	ND	8.2	118
07/27/18 04:30 PM	23776	385	2.17	ND	ND	ND	ND	ND	ND	ND	7.9	121
07/27/18 05:00 PM	23637	387	2.19	ND	ND	ND	ND	ND	ND	ND	7.5	122
07/27/18 05:30 PM	24832	390	2.20	ND	ND	ND	ND	ND	ND	ND	8.2	113
07/27/18 06:00 PM	24626	388	2.18	ND	ND	ND	ND	ND	ND	ND	7.9	110
07/27/18 06:30 PM	25633	384	2.18	ND	ND	ND	ND	ND	ND	ND	8.3	106
07/27/18 07:00 PM	25987	385	2.19	ND	ND	ND	ND	ND	ND	ND	8.7	114
07/27/18 07:30 PM	26384	384	2.21	ND	ND	ND	ND	ND	ND	ND	7.7	104
07/27/18 08:00 PM	27146	381	2.22	ND	ND	ND	ND	ND	ND	ND	7.2	105
07/27/18 08:30 PM	27665	378	2.23	ND	ND	ND	ND	ND	ND	ND	5.9	103
07/27/18 09:00 PM	27793	381	2.25	ND	ND	ND	ND	ND	ND	ND	4.3	98
07/27/18 09:30 PM	27572	382	2.23	ND	0.00101	ND	ND	ND	ND	ND	4.9	101
07/27/18 10:00 PM	27222	378	2.18	ND	0.00138	ND	ND	ND	ND	ND	5.9	104
07/27/18 10:30 PM	26867	367	2.15	ND	ND	ND	ND	ND	ND	ND	5.9	109
07/27/18 11:00 PM	27087	365	2.15	ND	ND	ND	ND	ND	ND	ND	6.3	114
07/27/18 11:30 PM	27250	362	2.15	ND	ND	ND	ND	ND	ND	ND	7.0	119
07/28/18 12:00 AM	27178	364	2.16	ND	ND	ND	ND	ND	ND	ND	6.0	132

Daily Processed Summary (Average, Maximum)

Average	26076	385	2.28	0.00003	0.00018	BDL	BDL	BDL	0.00004	BDL	2.9	124
Maximum Value	27875	396	2.74	0.00137	0.00249	BDL	BDL	BDL	0.00181	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	C6H6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/28/18 12:30 AM	26583	369	2.17	ND	ND	ND	ND	ND	ND	ND	5.9	132
07/28/18 01:00 AM	26850	368	2.16	ND	ND	ND	ND	ND	ND	ND	4.9	131
07/28/18 01:30 AM	27218	368	2.17	ND	ND	ND	ND	ND	ND	ND	4.1	135
07/28/18 02:00 AM	27166	371	2.22	ND	0.00169	ND	ND	ND	ND	ND	3.4	137
07/28/18 02:30 AM	27077	370	2.21	ND	ND	ND	ND	ND	ND	ND	3.2	132
07/28/18 03:00 AM	27361	371	2.22	ND	ND	ND	ND	ND	ND	ND	3.1	143
07/28/18 03:30 AM	27580	372	2.53	ND	ND	ND	ND	ND	ND	ND	2.5	143
07/28/18 04:00 AM	27778	370	2.61	ND	ND	ND	ND	ND	ND	ND	2.7	137
07/28/18 04:30 AM	28139	368	2.64	ND	ND	ND	ND	ND	ND	ND	2.5	135
07/28/18 05:00 AM	28205	370	2.42	ND	ND	ND	ND	ND	ND	ND	1.0	110
07/28/18 05:30 AM	28329	375	2.32	ND	ND	ND	ND	ND	ND	ND	1.4	132
07/28/18 06:00 AM	28636	375	2.28	ND	ND	ND	ND	ND	ND	ND	1.8	113
07/28/18 06:30 AM	28627	374	2.19	ND	ND	ND	ND	ND	ND	ND	1.6	77
07/28/18 07:00 AM	28531	375	2.25	ND	ND	ND	ND	ND	ND	ND	1.7	74
07/28/18 07:30 AM	27950	382	2.37	ND	ND	ND	ND	ND	ND	ND	2.7	83
07/28/18 08:00 AM	27792	389	2.34	ND	0.00377	ND	ND	ND	ND	ND	2.7	71
07/28/18 08:30 AM	28437	380	2.27	ND	ND	ND	ND	ND	ND	ND	2.4	127
07/28/18 09:00 AM	29355	385	2.32	ND	ND	ND	ND	ND	ND	ND	2.8	281
07/28/18 09:30 AM	29836	386	2.18	ND	0.00161	ND	ND	ND	ND	ND	3.0	240
07/28/18 10:00 AM	29504	384	2.10	ND	ND	ND	ND	ND	ND	ND	3.5	244
07/28/18 10:30 AM	29663	385	2.15	ND	ND	ND	ND	ND	ND	ND	3.4	273
07/28/18 11:00 AM	29130	387	2.14	ND	ND	ND	ND	ND	ND	ND	3.8	261
07/28/18 11:30 AM	28181	386	2.11	ND	ND	ND	ND	ND	ND	ND	4.3	264
07/28/18 12:00 PM	26309	386	2.09	ND	ND	ND	ND	ND	ND	ND	4.0	247
07/28/18 12:30 PM	24055	381	2.06	ND	ND	ND	ND	ND	ND	ND	4.0	194
07/28/18 01:00 PM	23766	382	2.06	ND	ND	ND	ND	ND	ND	ND	4.7	183
07/28/18 01:30 PM	24949	378	2.03	ND	ND	ND	ND	ND	ND	ND	5.8	122
07/28/18 02:00 PM	24828	381	2.04	ND	0.00138	ND	ND	ND	ND	ND	6.0	118
07/28/18 02:30 PM	25377	382	2.05	ND	ND	ND	ND	ND	ND	ND	7.2	130
07/28/18 03:00 PM	24401	377	2.01	ND	ND	ND	ND	ND	ND	ND	8.1	117
07/28/18 03:30 PM	22193	380	2.02	ND	ND	ND	ND	ND	ND	ND	8.6	125
07/28/18 04:00 PM	23690	383	2.03	ND	ND	0.00883	ND	ND	ND	ND	10.1	120
07/28/18 04:30 PM	24757	380	2.02	ND	ND	ND	ND	ND	ND	ND	10.5	114
07/28/18 05:00 PM	25244	376	2.02	ND	ND	ND	ND	ND	ND	ND	10.8	118
07/28/18 05:30 PM	26572	377	2.03	ND	ND	ND	ND	ND	ND	ND	9.7	120
07/28/18 06:00 PM	27025	379	2.04	ND	ND	ND	ND	ND	ND	ND	8.8	126
07/28/18 06:30 PM	24992	377	2.03	ND	ND	ND	ND	ND	ND	ND	8.0	131
07/28/18 07:00 PM	25372	377	2.03	ND	ND	ND	ND	ND	ND	ND	7.9	135
07/28/18 07:30 PM	25344	374	2.04	ND	ND	ND	ND	ND	ND	ND	7.4	129
07/28/18 08:00 PM	26321	371	2.03	ND	ND	ND	ND	ND	ND	ND	7.0	130
07/28/18 08:30 PM	26820	370	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	135
07/28/18 09:00 PM	26359	370	2.05	ND	ND	ND	ND	ND	ND	ND	6.6	134
07/28/18 09:30 PM	26603	374	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	135
07/28/18 10:00 PM	27015	374	2.04	ND	ND	ND	ND	ND	ND	ND	5.7	132
07/28/18 10:30 PM	27197	375	2.04	ND	ND	ND	ND	ND	ND	ND	4.9	130
07/28/18 11:00 PM	26998	374	2.04	ND	ND	ND	ND	ND	ND	ND	4.6	127
07/28/18 11:30 PM	27365	373	2.04	ND	ND	ND	ND	ND	ND	ND	3.7	127
07/29/18 12:00 AM	27378	369	2.07	ND	ND	ND	ND	ND	ND	ND	4.1	134

Daily Processed Summary (Average, Maximum)

Average	26851	377	2.15	BDL	0.00018	0.00018	BDL	BDL	BDL	BDL	4.0	133
Maximum Value	29836	389	2.64	BDL	0.00377	0.00883	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	CEH6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/29/18 12:30 AM	27235	371	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	137
07/29/18 01:00 AM	27522	369	2.06	ND	ND	ND	ND	ND	ND	ND	4.7	136
07/29/18 01:30 AM	27911	372	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	135
07/29/18 02:00 AM	27665	375	2.06	ND	ND	ND	ND	ND	ND	ND	5.2	134
07/29/18 02:30 AM	27841	375	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	133
07/29/18 03:00 AM	27893	372	2.05	ND	ND	ND	ND	ND	ND	ND	4.9	139
07/29/18 03:30 AM	28069	371	2.25	ND	0.00146	ND	ND	ND	ND	ND	4.4	135
07/29/18 04:00 AM	28346	372	2.47	ND	ND	ND	ND	ND	ND	ND	3.5	139
07/29/18 04:30 AM	28719	371	2.79	ND	0.00826	ND	ND	ND	ND	ND	2.9	146
07/29/18 05:00 AM	28843	373	2.21	ND	ND	ND	ND	ND	ND	ND	2.7	149
07/29/18 05:30 AM	28891	372	2.41	ND	ND	ND	ND	ND	ND	ND	1.4	147
07/29/18 06:00 AM	29005	374	2.14	ND	ND	ND	ND	ND	ND	ND	1.9	175
07/29/18 06:30 AM	29101	373	2.03	ND	ND	ND	ND	ND	ND	ND	2.2	169
07/29/18 07:00 AM	29131	371	2.05	ND	ND	ND	ND	ND	ND	ND	1.8	131
07/29/18 07:30 AM	29020	369	2.05	ND	ND	ND	ND	ND	ND	ND	1.9	117
07/29/18 08:00 AM	29500	368	2.26	ND	ND	ND	ND	ND	ND	ND	2.5	139
07/29/18 08:30 AM	29594	371	2.09	ND	ND	ND	ND	ND	ND	ND	3.8	157
07/29/18 09:00 AM	29524	365	2.06	ND	ND	ND	ND	ND	ND	ND	4.4	172
07/29/18 09:30 AM	29401	368	2.05	ND	ND	ND	ND	ND	ND	ND	3.8	170
07/29/18 10:00 AM	29372	371	2.06	ND	ND	ND	ND	ND	ND	ND	3.9	180
07/29/18 10:30 AM	28722	373	2.05	ND	ND	ND	ND	ND	ND	ND	3.8	177
07/29/18 11:00 AM	27524	377	2.05	ND	ND	ND	ND	ND	ND	ND	3.7	188
07/29/18 11:30 AM	27097	384	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	213
07/29/18 12:00 PM	27691	387	2.07	ND	ND	ND	ND	ND	ND	ND	4.5	262
07/29/18 12:30 PM	26297	385	2.07	ND	ND	ND	ND	ND	ND	ND	3.4	227
07/29/18 01:00 PM	26076	384	2.06	ND	ND	ND	ND	ND	ND	ND	4.5	116
07/29/18 01:30 PM	26077	385	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	129
07/29/18 02:00 PM											7.3	117
07/29/18 02:30 PM											8.3	124
07/29/18 03:00 PM											9.4	125
07/29/18 03:30 PM											9.8	120
07/29/18 04:00 PM											9.7	121
07/29/18 05:00 PM											10.2	124
07/29/18 05:30 PM											8.9	124
07/29/18 06:00 PM											7.7	137
07/29/18 06:30 PM											8.1	138
07/29/18 07:00 PM											7.5	133
07/29/18 07:30 PM											7.3	126
07/29/18 08:00 PM											7.4	127
07/29/18 08:30 PM											6.1	133
07/29/18 09:00 PM											5.6	135
07/29/18 09:30 PM											5.1	135
07/29/18 10:00 PM											5.3	120
07/29/18 10:30 PM											5.6	113
07/29/18 11:00 PM											6.4	131
07/29/18 11:30 PM											6.3	134
07/30/18 12:00 AM											6.4	126

Daily Processed Summary (Average, Maximum)

Average	28225	374	2.14	BDL	0.00020	BDL	BDL	BDL	BDL	BDL	4.8	136
Maximum Value	29594	387	2.79	BDL	0.00826	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	COH6_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/30/18 12:30 AM											6.3	124
07/30/18 01:00 AM											5.8	131
07/30/18 01:30 AM											6.2	139
07/30/18 02:00 AM											5.0	135
07/30/18 02:30 AM											5.9	143
07/30/18 03:00 AM											4.1	154
07/30/18 03:30 AM											4.6	149
07/30/18 04:00 AM											3.8	146
07/30/18 04:30 AM											3.6	152
07/30/18 05:00 AM											3.5	164
07/30/18 05:30 AM											3.6	172
07/30/18 06:00 AM											3.8	170
07/30/18 06:30 AM											3.3	175
07/30/18 07:00 AM											4.1	181
07/30/18 07:30 AM											2.5	202
07/30/18 08:00 AM											3.0	183
07/30/18 08:30 AM											2.7	201
07/30/18 09:00 AM											4.2	195
07/30/18 09:30 AM											4.6	189
07/30/18 10:00 AM											4.4	236
07/30/18 10:30 AM											4.5	217
07/30/18 11:00 AM	28391	384	2.04	ND	ND	ND	ND	ND	ND	ND	4.7	196
07/30/18 11:30 AM	27230	383	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	212
07/30/18 12:00 PM	27272	388	2.06	ND	ND	ND	ND	ND	ND	ND	3.8	236
07/30/18 12:30 PM	26300	387	2.06	ND	ND	ND	ND	ND	ND	ND	4.1	258
07/30/18 01:00 PM	26428	382	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	271
07/30/18 01:30 PM	26085	385	2.06	ND	ND	ND	ND	ND	ND	ND	4.2	265
07/30/18 02:00 PM	25189	387	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	252
07/30/18 02:30 PM	25056	386	2.03	ND	ND	ND	ND	ND	ND	ND	4.1	190
07/30/18 03:00 PM	24493	384	2.00	ND	ND	ND	ND	ND	0.00222	ND	5.6	117
07/30/18 03:30 PM	25417	381	2.00	ND	ND	ND	ND	ND	ND	ND	6.1	120
07/30/18 04:00 PM	26705	386	2.02	ND	ND	ND	ND	ND	ND	ND		
07/30/18 04:30 PM	24900	384	2.07	ND	ND	ND	ND	ND	ND	ND		
07/30/18 05:00 PM	24607	391	2.03	ND	ND	ND	ND	ND	ND	ND	7.9	152
07/30/18 05:30 PM	25153	389	2.06	ND	ND	ND	ND	ND	ND	ND	8.1	132
07/30/18 06:00 PM	24552	390	2.05	ND	ND	ND	ND	ND	ND	ND	7.5	131
07/30/18 06:30 PM	25198	388	2.06	ND	ND	ND	ND	ND	ND	ND	6.7	135
07/30/18 07:00 PM	25165	387	2.05	ND	ND	ND	ND	ND	ND	ND	6.2	130
07/30/18 07:30 PM	26638	395	2.05	ND	ND	ND	ND	ND	ND	ND	7.2	126
07/30/18 08:00 PM	27813	391	2.06	ND	ND	ND	ND	ND	ND	ND	7.0	132
07/30/18 08:30 PM	27807	393	2.09	ND	ND	ND	ND	ND	ND	ND	5.7	133
07/30/18 09:00 PM	29276	392	2.11	ND	ND	ND	ND	ND	ND	ND	5.3	136
07/30/18 09:30 PM	30389	386	2.39	ND	ND	ND	ND	ND	ND	ND	5.8	141
07/30/18 10:00 PM	30432	384	2.17	ND	ND	ND	ND	ND	ND	ND	6.1	141
07/30/18 10:30 PM	30432	386	2.10	ND	0.00096	ND	ND	ND	ND	ND	5.5	133
07/30/18 11:00 PM	30172	386	2.12	ND	ND	ND	ND	ND	ND	ND	5.3	133
07/30/18 11:30 PM	29914	387	2.16	ND	ND	ND	ND	ND	ND	ND	4.4	136
07/31/18 12:00 AM	30025	386	2.35	ND	ND	ND	ND	ND	ND	ND	4.5	148
Daily Processed Summary (Average, Maximum)												
Average	27076	387	2.09	BDL	0.00002	BDL	BDL	BDL	0.00005	BDL	3.9	156
Maximum Value	30432	395	2.39	BDL	0.00096	BDL	BDL	BDL	0.00222	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT_AVE (ppm)	C2H4_AVE (ppm)	DCA_AVE (ppm)	ETO_AVE (ppm)	HCL_AVE (ppm)	VCL_AVE (ppm)	CEHG_AVE (ppm)	WSPD (mph)	WDIR (deg)
07/31/18 12:30 AM	30435	385	2.56	ND	ND	ND	ND	ND	ND	ND	3.8	147
07/31/18 01:00 AM	30694	388	2.35	ND	ND	ND	ND	ND	ND	ND	3.4	147
07/31/18 01:30 AM	30559	387	2.72	ND	ND	ND	ND	ND	ND	ND	4.3	139
07/31/18 02:00 AM	30648	391	2.29	ND	ND	ND	ND	ND	ND	ND	4.6	138
07/31/18 02:30 AM	30417	385	2.38	ND	ND	ND	ND	ND	ND	ND	4.7	145
07/31/18 03:00 AM	29976	387	2.28	ND	ND	ND	ND	ND	ND	ND	3.8	153
07/31/18 03:30 AM	30377	386	2.10	ND	ND	ND	ND	ND	ND	ND	4.6	148
07/31/18 04:00 AM	30715	385	2.09	ND	ND	ND	ND	ND	ND	ND	4.5	155
07/31/18 04:30 AM	30516	381	2.07	ND	ND	ND	ND	ND	ND	ND	4.1	166
07/31/18 05:00 AM	30354	383	2.07	ND	ND	ND	ND	ND	ND	ND	4.8	158
07/31/18 05:30 AM	30400	385	2.08	ND	ND	ND	ND	ND	ND	ND	4.0	165
07/31/18 06:00 AM	30604	387	2.05	ND	ND	ND	ND	ND	ND	ND	3.0	169
07/31/18 06:30 AM	30489	385	2.08	ND	ND	ND	ND	ND	ND	ND	3.2	170
07/31/18 07:00 AM	30430	383	2.03	ND	ND	ND	ND	ND	ND	ND	3.0	174
07/31/18 07:30 AM	30520	385	2.04	ND	ND	ND	ND	ND	ND	ND	2.9	208
07/31/18 08:00 AM	30458	384	2.04	ND	ND	ND	ND	ND	ND	ND	2.7	219
07/31/18 08:30 AM	30588	388	2.04	ND	ND	ND	ND	ND	ND	ND	3.5	219
07/31/18 09:00 AM	30973	386	2.07	ND	ND	ND	ND	ND	ND	ND	4.5	237
07/31/18 09:30 AM	30802	390	2.09	ND	ND	ND	ND	ND	ND	ND	5.6	250
07/31/18 10:00 AM	30706	388	2.15	ND	ND	ND	ND	ND	ND	ND	6.6	266
07/31/18 10:30 AM	30205	391	2.09	ND	ND	ND	ND	ND	ND	ND	6.3	272
07/31/18 11:00 AM	29028	391	2.08	ND	ND	ND	0.00566	ND	ND	ND	6.8	257
07/31/18 11:30 AM	28047	387	2.07	ND	ND	ND	ND	ND	ND	ND	7.4	254
07/31/18 12:00 PM	27322	398	2.07	ND	ND	ND	ND	ND	ND	ND	6.9	252
07/31/18 12:30 PM	26907	400	2.08	ND	ND	ND	ND	ND	ND	ND	6.3	262
07/31/18 01:00 PM	26423	393	2.08	ND	ND	ND	ND	ND	ND	ND	6.4	254
07/31/18 01:30 PM	26002	395	2.08	ND	ND	ND	ND	ND	ND	ND	5.6	259
07/31/18 02:00 PM	25574	398	2.07	ND	ND	ND	ND	ND	ND	ND	7.0	263
07/31/18 02:30 PM	25404	396	2.06	ND	ND	ND	ND	ND	ND	ND	5.6	261
07/31/18 03:00 PM	25317	395	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	258
07/31/18 03:30 PM	24347	396	2.07	ND	0.00116	ND	ND	ND	ND	ND	4.0	233
07/31/18 04:00 PM	24597	375	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	213
07/31/18 04:30 PM	9176	47	0.24	ND	ND	ND	ND	ND	ND	ND	11.8	46
07/31/18 05:00 PM	24887	333	1.96	ND	ND	ND	ND	ND	ND	ND	5.9	39
07/31/18 05:30 PM	26124	368	2.05	ND	ND	ND	ND	ND	ND	ND	5.7	94
07/31/18 06:00 PM	26691	376	2.08	ND	ND	ND	ND	ND	ND	ND	6.8	99
07/31/18 06:30 PM	26970	380	2.08	ND	ND	ND	ND	ND	ND	ND	4.8	103
07/31/18 07:00 PM	27329	383	2.07	ND	ND	ND	ND	ND	ND	ND	4.5	105
07/31/18 07:30 PM	27339	385	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	119
07/31/18 08:00 PM	27088	385	2.14	ND	ND	ND	ND	ND	ND	ND	3.7	163
07/31/18 08:30 PM	26213	385	2.10	ND	ND	ND	ND	ND	ND	ND	2.3	169
07/31/18 09:00 PM	25812	387	2.20	ND	ND	ND	ND	ND	ND	ND	1.2	135
07/31/18 09:30 PM	25409	388	2.31	ND	ND	ND	ND	ND	ND	ND	1.2	201
07/31/18 10:00 PM	25620	387	2.31	ND	ND	ND	ND	ND	ND	ND	1.1	106
07/31/18 10:30 PM	25986	389	2.29	ND	ND	ND	ND	ND	ND	ND	1.1	152
07/31/18 11:00 PM	26285	395	2.39	ND	ND	ND	ND	ND	ND	ND	1.6	170
07/31/18 11:30 PM	26538	391	2.20	ND	ND	ND	ND	ND	ND	ND	1.1	127
08/01/18 12:00 AM	26693	398	2.31	ND	ND	ND	ND	ND	ND	ND	1.7	208

Daily Processed Summary (Average, Maximum)

Average	27792	379	2.11	BDL	0.00002	BDL	0.00012	BDL	BDL	BDL	1.9	195
Maximum Value	30973	400	2.72	BDL	0.00116	BDL	0.00566	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
August 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
August 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

Open Path FTIR Daily (24-hour) Averages  
Site: Formosa Point Comfort AAMS

timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
8/1/2018	100	24937	385	2.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	129
8/2/2018	100	23322	343	2.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.1	134
8/3/2018	100	24214	342	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	107
8/4/2018	100	25540	335	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	125
8/5/2018	100	26491	334	1.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.5	101
8/6/2018	0											4.8	120
8/7/2018	100	26592	352	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.2	122
8/8/2018	100	26520	382	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	135
8/9/2018	100	28235	384	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.6	138
8/10/2018	100	27480	383	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	150
8/11/2018	100	27091	382	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	149
8/12/2018	100	28480	379	2.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.9	128
8/13/2018	100	27904	381	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	134
8/14/2018	100	27426	378	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.5	142
8/15/2018	79	27216	378	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	136
8/16/2018	38	28183	372	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	135
8/17/2018	100	27660	377	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	155
8/18/2018	100	27610	374	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.4	158
8/19/2018	100	27689	372	2.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	160
8/20/2018	100	27599	371	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.4	155
8/21/2018	100	27716	375	2.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1	168
8/22/2018	100	27976	378	2.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	136
8/23/2018	100	27358	375	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	132
8/24/2018	100	26612	370	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	125
8/25/2018	100	26647	371	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	120
8/26/2018	100	27609	368	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	124
8/27/2018	100	27435	369	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	135
8/28/2018	100	27242	372	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.3	121
8/29/2018	94	27772	371	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7	86
8/30/2018	100	27481	376	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	106
8/31/2018	98	26295	374	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

Daily Processed Summary (Average, Maximum)

Average	94	27011	370	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	133
Maximum Value	100	28480	385	2.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/01/18 12:30 AM	27148	413	2.51	ND	ND	ND	ND	ND	ND	ND	1.8	55
08/01/18 01:00 AM	26989	409	2.48	ND	ND	ND	ND	ND	ND	ND	1.7	69
08/01/18 01:30 AM	26804	407	2.33	ND	ND	ND	ND	ND	ND	ND	2.2	61
08/01/18 02:00 AM	26900	408	2.40	ND	0.00281	ND	ND	ND	ND	ND	1.1	195
08/01/18 02:30 AM	26977	408	2.39	ND	ND	ND	ND	ND	ND	ND	0.9	151
08/01/18 03:00 AM	27352	409	2.31	ND	ND	ND	ND	ND	ND	ND	0.9	259
08/01/18 03:30 AM	27465	398	2.23	ND	ND	ND	ND	ND	ND	ND	2.1	268
08/01/18 04:00 AM	26953	399	2.21	ND	ND	ND	ND	ND	ND	ND	2.1	305
08/01/18 04:30 AM	26652	408	2.32	ND	ND	ND	ND	ND	ND	ND	1.8	329
08/01/18 05:00 AM	26266	405	2.62	ND	ND	ND	ND	ND	ND	ND	2.1	330
08/01/18 05:30 AM	25893	412	2.69	ND	ND	ND	ND	ND	ND	ND	3.2	343
08/01/18 06:00 AM	25844	409	2.63	ND	ND	ND	ND	ND	ND	ND	2.5	339
08/01/18 06:30 AM	25534	393	2.35	ND	ND	ND	ND	ND	ND	ND	2.8	337
08/01/18 07:00 AM	25426	406	2.44	ND	ND	ND	ND	ND	ND	ND	3.2	343
08/01/18 07:30 AM	25193	406	2.43	ND	ND	ND	ND	ND	ND	ND	3.7	341
08/01/18 08:00 AM	25427	405	2.38	ND	ND	ND	ND	ND	ND	ND	3.9	343
08/01/18 08:30 AM	24979	401	2.30	ND	ND	ND	ND	ND	ND	ND	4.4	348
08/01/18 09:00 AM	25205	399	2.27	ND	ND	ND	ND	ND	ND	ND	3.9	339
08/01/18 09:30 AM	25559	396	2.25	ND	ND	ND	ND	ND	ND	ND	3.0	328
08/01/18 10:00 AM	25981	396	2.27	ND	ND	ND	ND	ND	ND	ND	3.6	301
08/01/18 10:30 AM	26221	394	2.30	ND	ND	ND	ND	ND	ND	ND	3.9	288
08/01/18 11:00 AM	25662	394	2.29	ND	ND	ND	ND	ND	ND	ND	4.0	290
08/01/18 11:30 AM	25813	392	2.30	ND	ND	ND	ND	ND	ND	ND	3.9	276
08/01/18 12:00 PM	25718	395	2.30	ND	ND	ND	ND	ND	ND	ND	3.9	248
08/01/18 12:30 PM	24274	392	2.25	ND	ND	ND	ND	ND	ND	ND	3.7	225
08/01/18 01:00 PM	23446	390	2.20	ND	ND	ND	ND	ND	ND	ND	4.1	245
08/01/18 01:30 PM	23372	387	2.16	ND	ND	ND	ND	ND	ND	ND	5.2	246
08/01/18 02:00 PM	23769	388	2.17	ND	ND	ND	ND	ND	ND	ND	6.6	184
08/01/18 02:30 PM	25395	390	2.20	ND	ND	ND	ND	ND	ND	ND	7.6	121
08/01/18 03:00 PM	24686	392	2.25	ND	ND	ND	ND	ND	ND	ND	4.5	136
08/01/18 03:30 PM	23839	389	2.24	ND	ND	ND	ND	ND	ND	ND	6.1	139
08/01/18 04:00 PM	22754	387	2.17	ND	ND	ND	ND	ND	ND	ND	5.4	130
08/01/18 04:30 PM	21924	385	2.19	ND	ND	ND	ND	ND	ND	ND	4.7	135
08/01/18 05:00 PM	21789	386	2.13	ND	ND	ND	ND	ND	ND	ND	5.5	118
08/01/18 05:30 PM	22091	384	2.12	ND	ND	ND	ND	ND	ND	ND	6.0	130
08/01/18 06:00 PM	22971	386	2.12	ND	ND	ND	ND	ND	ND	ND	6.3	131
08/01/18 06:30 PM	26133	383	2.13	ND	ND	ND	ND	ND	ND	ND	7.6	118
08/01/18 07:00 PM	26855	382	2.15	ND	ND	ND	ND	ND	ND	ND	7.7	115
08/01/18 07:30 PM	24123	348	2.03	ND	ND	ND	ND	ND	ND	ND	6.6	121
08/01/18 08:00 PM	22942	337	2.01	ND	ND	ND	ND	ND	ND	ND	5.1	122
08/01/18 08:30 PM	23884	339	2.03	ND	ND	ND	ND	ND	ND	ND	4.7	110
08/01/18 09:00 PM	24396	340	2.05	ND	ND	ND	ND	ND	ND	ND	4.2	129
08/01/18 09:30 PM	23990	339	2.11	ND	ND	ND	ND	ND	ND	ND	3.9	136
08/01/18 10:00 PM	23497	341	2.13	ND	ND	ND	ND	ND	ND	ND	3.5	128
08/01/18 10:30 PM	22822	342	2.10	ND	ND	ND	ND	ND	ND	ND	3.0	123
08/01/18 11:00 PM	22290	341	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	120
08/01/18 11:30 PM	23442	341	2.07	ND	ND	ND	ND	ND	ND	ND	3.7	119
08/02/18 12:00 AM	24333	341	2.06	ND	ND	ND	ND	ND	ND	ND	4.2	120

Daily Processed Summary (Average, Maximum)

Average	24937	385	2.25	BDL	0.00006	BDL	BDL	BDL	BDL	BDL	1.1	129
Maximum Value	27465	413	2.69	BDL	0.00281	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/02/18 12:30 AM	23806	341	2.05	ND	ND	ND	ND	ND	ND	ND	3.3	120
08/02/18 01:00 AM	23683	342	2.06	ND	ND	ND	ND	ND	ND	ND	3.1	119
08/02/18 01:30 AM	24046	342	2.07	ND	ND	ND	ND	ND	ND	ND	1.9	124
08/02/18 02:00 AM	23435	342	2.11	ND	ND	ND	ND	ND	ND	ND	1.9	164
08/02/18 02:30 AM	24704	344	2.14	ND	ND	ND	ND	ND	ND	ND	1.6	165
08/02/18 03:00 AM	25610	345	2.09	ND	ND	ND	ND	ND	ND	ND	1.1	167
08/02/18 03:30 AM	25716	347	2.08	ND	ND	ND	ND	ND	ND	ND	0.9	180
08/02/18 04:00 AM	25807	347	2.07	ND	ND	ND	ND	ND	ND	ND	1.1	168
08/02/18 04:30 AM	25706	344	2.08	ND	ND	ND	ND	ND	ND	ND	1.0	167
08/02/18 05:00 AM	25933	345	2.08	ND	ND	ND	ND	ND	ND	ND	0.9	193
08/02/18 05:30 AM	26183	344	2.08	ND	ND	ND	ND	ND	ND	ND	2.0	262
08/02/18 06:00 AM	26305	354	2.18	ND	ND	ND	ND	ND	ND	ND	1.4	284
08/02/18 06:30 AM	25587	352	2.50	ND	ND	ND	ND	ND	ND	ND	1.4	270
08/02/18 07:00 AM	24771	361	2.79	ND	ND	ND	ND	ND	ND	ND	1.8	178
08/02/18 07:30 AM	24552	357	2.44	ND	ND	ND	ND	ND	ND	ND	2.1	66
08/02/18 08:00 AM	24899	354	2.41	ND	ND	ND	ND	ND	ND	ND	1.3	137
08/02/18 08:30 AM	25517	348	2.29	ND	ND	ND	ND	ND	ND	ND	2.2	290
08/02/18 09:00 AM	26174	346	2.29	ND	ND	ND	ND	ND	ND	ND	2.7	281
08/02/18 09:30 AM	26100	343	2.22	ND	ND	ND	ND	ND	ND	ND	3.8	285
08/02/18 10:00 AM	25764	339	2.10	ND	ND	ND	ND	ND	ND	ND	4.1	275
08/02/18 10:30 AM	25485	341	2.10	ND	ND	ND	ND	ND	ND	ND	4.6	280
08/02/18 11:00 AM	24436	343	2.10	ND	ND	ND	ND	ND	ND	ND	4.7	272
08/02/18 11:30 AM	23414	345	2.09	ND	ND	ND	ND	ND	ND	ND	5.2	257
08/02/18 12:00 PM	21910	341	2.03	ND	ND	ND	ND	ND	ND	ND	4.8	261
08/02/18 12:30 PM	21202	340	2.03	ND	ND	ND	ND	ND	ND	ND	4.1	222
08/02/18 01:00 PM	20363	339	2.01	ND	ND	ND	ND	ND	ND	ND	3.9	276
08/02/18 01:30 PM	16496	339	1.98	ND	ND	ND	ND	ND	ND	ND	3.9	295
08/02/18 02:00 PM	16623	341	1.99	ND	ND	ND	ND	ND	ND	ND	5.2	110
08/02/18 02:30 PM	17495	341	2.00	ND	ND	ND	ND	ND	ND	ND	6.5	132
08/02/18 03:00 PM	19109	341	2.01	ND	ND	ND	ND	ND	ND	ND	6.6	121
08/02/18 03:30 PM	19617	339	2.01	ND	ND	ND	ND	ND	ND	ND	7.3	130
08/02/18 04:00 PM	19117	340	2.00	ND	ND	ND	ND	ND	ND	ND	6.9	133
08/02/18 04:30 PM	18808	339	2.01	ND	ND	ND	ND	ND	ND	ND	7.2	121
08/02/18 05:00 PM	21091	339	2.03	ND	ND	ND	ND	ND	ND	ND	8.2	121
08/02/18 05:30 PM	21604	339	2.04	ND	ND	ND	ND	ND	ND	ND	8.5	121
08/02/18 06:00 PM	21266	339	2.02	ND	ND	ND	ND	ND	ND	ND	8.5	111
08/02/18 06:30 PM	22654	338	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	105
08/02/18 07:00 PM	22531	339	2.04	ND	ND	ND	ND	ND	ND	ND	6.7	106
08/02/18 07:30 PM	22630	339	2.05	ND	ND	ND	ND	ND	ND	ND	7.6	104
08/02/18 08:00 PM	23604	341	2.06	ND	ND	ND	ND	ND	ND	ND	6.1	103
08/02/18 08:30 PM	24271	339	2.06	ND	ND	ND	ND	ND	ND	ND	5.9	114
08/02/18 09:00 PM	24928	342	2.10	ND	ND	ND	ND	ND	ND	ND	5.7	116
08/02/18 09:30 PM	24247	343	2.11	ND	ND	ND	ND	ND	ND	ND	4.0	121
08/02/18 10:00 PM	24438	342	2.11	ND	ND	ND	ND	ND	ND	ND	2.8	118
08/02/18 10:30 PM	24049	341	2.10	ND	ND	ND	ND	ND	ND	ND	2.3	109
08/02/18 11:00 PM	23974	342	2.11	ND	ND	ND	ND	ND	ND	ND		
08/02/18 11:30 PM	24859	342	2.24	ND	ND	ND	ND	ND	ND	ND		
08/03/18 12:00 AM	24953	346	2.20	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	23322	343	2.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.1	134
Maximum Value	26305	361	2.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/03/18 12:30 AM	25343	345	2.17	ND	ND	ND	ND	ND	ND	ND	2.3	119
08/03/18 01:00 AM	25051	345	2.18	ND	ND	ND	ND	ND	ND	ND	2.4	117
08/03/18 01:30 AM	24794	345	2.16	ND	ND	ND	ND	ND	ND	ND	2.3	119
08/03/18 02:00 AM	24474	344	2.15	ND	ND	ND	ND	ND	ND	ND	2.6	127
08/03/18 02:30 AM	24389	342	2.12	ND	ND	ND	ND	ND	ND	ND	1.9	124
08/03/18 03:00 AM	24699	345	2.24	ND	ND	ND	ND	ND	ND	ND	1.1	154
08/03/18 03:30 AM	25075	345	2.28	ND	ND	ND	ND	ND	ND	ND	0.6	184
08/03/18 04:00 AM	25015	346	2.30	ND	ND	ND	ND	ND	ND	ND	1.0	114
08/03/18 04:30 AM	25321	346	2.78	ND	ND	ND	ND	ND	ND	ND	1.1	79
08/03/18 05:00 AM	24746	360	2.54	ND	ND	ND	ND	ND	ND	ND	2.0	296
08/03/18 05:30 AM	24615	359	2.39	ND	ND	ND	ND	ND	ND	ND	1.6	26
08/03/18 06:00 AM	24703	359	2.39	ND	ND	ND	ND	ND	ND	ND	1.3	234
08/03/18 06:30 AM	24527	359	2.33	ND	ND	ND	ND	ND	ND	ND	0.9	284
08/03/18 07:00 AM	24606	361	2.38	ND	ND	ND	ND	ND	ND	ND	1.1	196
08/03/18 07:30 AM	24997	352	2.35	ND	ND	ND	ND	ND	ND	ND	1.8	42
08/03/18 08:00 AM	25194	351	2.27	ND	ND	ND	ND	ND	ND	ND	2.2	191
08/03/18 08:30 AM	26109	345	2.20	ND	ND	ND	ND	ND	ND	ND	3.0	178
08/03/18 09:00 AM	26583	340	2.18	ND	ND	ND	ND	ND	ND	ND	3.1	230
08/03/18 09:30 AM	26484	340	2.13	ND	ND	ND	ND	ND	ND	ND	4.3	79
08/03/18 10:00 AM	25693	337	2.12	ND	ND	ND	ND	ND	ND	ND	4.0	50
08/03/18 10:30 AM	24026	338	2.11	ND	ND	ND	ND	ND	ND	ND	3.6	72
08/03/18 11:00 AM	22819	338	2.08	ND	ND	ND	ND	ND	ND	ND	3.2	28
08/03/18 11:30 AM	21318	339	2.05	ND	ND	ND	ND	ND	ND	ND	4.0	82
08/03/18 12:00 PM	21144	339	2.03	ND	ND	ND	ND	ND	ND	ND	4.6	132
08/03/18 12:30 PM	20886	339	2.03	ND	ND	ND	ND	ND	ND	ND	3.3	119
08/03/18 01:00 PM	21167	339	2.02	ND	ND	ND	ND	ND	ND	ND	3.9	123
08/03/18 01:30 PM	20413	337	1.99	ND	ND	ND	ND	ND	ND	ND	5.1	95
08/03/18 02:00 PM	21510	336	2.01	ND	ND	ND	ND	ND	ND	ND	8.3	104
08/03/18 02:30 PM	21446	336	1.98	ND	ND	ND	ND	ND	ND	ND	8.1	112
08/03/18 03:00 PM	21556	337	2.00	ND	ND	ND	ND	ND	ND	ND	9.5	115
08/03/18 03:30 PM	22713	335	1.99	ND	ND	ND	ND	ND	ND	ND	11.5	119
08/03/18 04:00 PM	23068	335	2.00	ND	ND	ND	ND	ND	ND	ND	11.1	113
08/03/18 04:30 PM	23189	335	2.00	ND	ND	ND	ND	ND	ND	ND	10.8	107
08/03/18 05:00 PM	23467	336	1.98	ND	ND	ND	ND	ND	ND	ND	10.1	104
08/03/18 06:00 PM	24366	336	1.98	ND	ND	ND	ND	ND	ND	ND	10.1	106
08/03/18 06:30 PM	25052	337	2.00	ND	ND	ND	ND	ND	ND	ND	8.8	107
08/03/18 07:00 PM	24403	339	1.99	ND	ND	ND	ND	ND	ND	ND	8.6	109
08/03/18 07:30 PM	24314	337	1.99	ND	ND	ND	ND	ND	ND	ND	8.6	101
08/03/18 08:00 PM	24572	336	1.98	ND	ND	ND	ND	ND	ND	ND	8.9	104
08/03/18 08:30 PM	25224	336	1.96	ND	ND	ND	ND	ND	ND	ND	8.0	104
08/03/18 09:00 PM	25295	336	1.94	ND	ND	ND	ND	ND	ND	ND	7.2	104
08/03/18 09:30 PM	25487	337	1.94	ND	ND	ND	ND	ND	ND	ND	5.9	104
08/03/18 10:00 PM	25522	339	1.95	ND	ND	ND	ND	ND	ND	ND	6.1	108
08/03/18 10:30 PM	25409	340	1.96	ND	ND	ND	ND	ND	ND	ND	4.9	107
08/03/18 11:00 PM	25500	341	1.96	ND	ND	ND	ND	ND	ND	ND	3.2	101
08/03/18 11:30 PM	25809	342	1.98	ND	ND	ND	ND	ND	ND	ND	2.3	97
08/04/18 12:00 AM	26164	341	1.96	ND	ND	ND	ND	ND	ND	ND	2.6	92

Daily Processed Summary (Average, Maximum)

Average	24214	342	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	107
Maximum Value	26583	361	2.78	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/04/18 12:30 AM	26634	343	2.00	ND	ND	ND	ND	ND	ND	ND	2.2	100
08/04/18 01:00 AM	26528	343	1.97	ND	ND	ND	ND	ND	ND	ND	2.7	91
08/04/18 01:30 AM	26195	342	1.98	ND	ND	ND	ND	ND	ND	ND	2.1	89
08/04/18 02:00 AM	26426	339	1.97	ND	ND	ND	ND	ND	ND	ND	3.6	131
08/04/18 02:30 AM	26613	339	2.14	ND	ND	ND	ND	ND	ND	ND	3.4	142
08/04/18 03:00 AM	26730	340	2.21	ND	ND	ND	ND	ND	ND	ND	3.3	135
08/04/18 03:30 AM	26605	339	2.01	ND	ND	ND	ND	ND	ND	ND	3.4	132
08/04/18 04:00 AM	26833	341	2.22	ND	ND	ND	ND	ND	ND	ND	2.5	141
08/04/18 04:30 AM	26898	340	2.18	ND	ND	ND	ND	ND	ND	ND	2.0	151
08/04/18 05:00 AM	26926	341	1.99	ND	ND	ND	ND	ND	ND	ND	2.0	148
08/04/18 05:30 AM	27005	340	2.07	ND	ND	ND	ND	ND	ND	ND	2.5	124
08/04/18 06:00 AM	24266	319	1.99	ND	ND	ND	ND	ND	ND	ND	6.7	156
08/04/18 06:30 AM	22225	333	2.01	ND	ND	ND	ND	ND	ND	ND	2.6	79
08/04/18 07:00 AM	23496	343	2.02	ND	ND	ND	ND	ND	ND	ND	1.1	95
08/04/18 07:30 AM	24331	341	2.09	ND	ND	ND	ND	ND	ND	ND	2.4	96
08/04/18 08:00 AM	23669	338	2.06	ND	ND	ND	ND	ND	ND	ND	3.0	78
08/04/18 08:30 AM	24685	337	1.97	ND	ND	ND	ND	ND	ND	ND	3.4	101
08/04/18 09:00 AM	25270	335	1.95	ND	ND	ND	ND	ND	ND	ND	3.7	100
08/04/18 09:30 AM	26970	329	1.94	ND	ND	ND	ND	ND	ND	ND	5.0	95
08/04/18 10:00 AM	27352	326	1.90	ND	ND	ND	ND	ND	ND	ND	5.2	106
08/04/18 10:30 AM	24419	311	1.87	ND	ND	ND	ND	ND	ND	ND	5.5	179
08/04/18 11:00 AM	25154	335	1.95	ND	ND	ND	ND	ND	ND	ND	2.7	125
08/04/18 11:30 AM	27216	329	1.91	ND	ND	ND	ND	ND	ND	ND	6.9	126
08/04/18 12:00 PM	26311	329	1.90	ND	ND	ND	ND	ND	ND	ND	7.1	119
08/04/18 12:30 PM	25097	331	1.90	ND	ND	ND	ND	ND	ND	ND	9.1	133
08/04/18 01:00 PM	24620	335	1.92	ND	ND	ND	ND	ND	ND	ND	9.1	133
08/04/18 01:30 PM	24899	331	1.89	ND	ND	ND	ND	ND	ND	ND	8.9	117
08/04/18 02:00 PM	25030	331	1.90	ND	ND	ND	ND	ND	ND	ND	9.0	117
08/04/18 02:30 PM	25841	331	1.88	ND	ND	ND	ND	ND	ND	ND	10.0	115
08/04/18 03:00 PM	26527	329	1.89	ND	ND	ND	ND	ND	ND	ND	10.2	119
08/04/18 03:30 PM	25553	331	1.87	ND	ND	ND	ND	ND	ND	ND	10.3	116
08/04/18 04:00 PM	24308	334	1.88	ND	ND	ND	ND	ND	ND	ND	9.7	127
08/04/18 04:30 PM	24607	333	1.89	ND	ND	ND	ND	ND	ND	ND	9.8	130
08/04/18 05:00 PM	25664	334	1.89	ND	ND	ND	ND	ND	ND	ND	10.0	129
08/04/18 05:30 PM	25879	334	1.91	ND	ND	ND	ND	ND	ND	ND	9.9	129
08/04/18 06:00 PM	25121	334	1.90	ND	ND	ND	ND	ND	ND	ND	9.2	131
08/04/18 06:30 PM	24771	335	1.93	ND	ND	ND	ND	ND	ND	ND	9.2	137
08/04/18 07:00 PM	24689	334	1.92	ND	ND	ND	ND	ND	ND	ND	8.6	135
08/04/18 07:30 PM	24446	337	1.90	ND	ND	ND	ND	ND	ND	ND	8.5	129
08/04/18 08:00 PM	25790	333	1.90	ND	ND	ND	ND	ND	ND	ND	10.2	121
08/04/18 08:30 PM	26333	332	1.90	ND	ND	ND	ND	ND	ND	ND	9.5	121
08/04/18 09:00 PM	25685	333	1.90	ND	ND	ND	ND	ND	ND	ND	6.7	115
08/04/18 09:30 PM	24492	336	1.90	ND	ND	ND	ND	ND	ND	ND	5.8	111
08/04/18 10:00 PM	25227	336	1.91	ND	ND	ND	ND	ND	ND	ND	6.1	120
08/04/18 10:30 PM	25304	334	1.89	ND	ND	ND	ND	ND	ND	ND	6.3	132
08/04/18 11:00 PM	25524	334	1.90	ND	ND	ND	ND	ND	ND	ND	6.2	138
08/04/18 11:30 PM	25717	334	1.92	ND	ND	ND	ND	ND	ND	ND	6.1	137
08/05/18 12:00 AM	26015	336	1.90	ND	ND	ND	ND	ND	ND	ND	6.9	134

Daily Processed Summary (Average, Maximum)

Average	25540	335	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	125
Maximum Value	27352	343	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/05/18 12:30 AM	26329	332	1.90	ND	ND	ND	ND	ND	ND	ND	8.6	132
08/05/18 01:00 AM	27439	332	1.89	ND	ND	ND	ND	ND	ND	ND	8.7	133
08/05/18 01:30 AM	27296	328	1.88	ND	ND	ND	ND	ND	ND	ND	8.3	123
08/05/18 02:00 AM	27024	329	1.89	ND	ND	ND	ND	ND	ND	ND	7.8	113
08/05/18 02:30 AM	27295	330	1.88	ND	ND	ND	ND	ND	ND	ND	6.6	109
08/05/18 03:00 AM	27573	328	1.87	ND	ND	ND	ND	ND	ND	ND	7.1	109
08/05/18 03:30 AM	27665	327	1.89	ND	ND	ND	ND	ND	ND	ND	6.9	109
08/05/18 04:00 AM	27559	329	1.87	ND	ND	ND	ND	ND	ND	ND	6.6	105
08/05/18 04:30 AM	27380	332	1.90	ND	ND	ND	ND	ND	ND	ND	5.7	104
08/05/18 05:00 AM	27149	332	1.89	ND	ND	ND	ND	ND	ND	ND	6.0	105
08/05/18 05:30 AM	26856	332	1.90	ND	ND	ND	ND	ND	ND	ND	5.7	103
08/05/18 06:00 AM	26899	333	1.90	ND	ND	ND	ND	ND	ND	ND	5.6	101
08/05/18 06:30 AM	27273	337	1.92	ND	ND	ND	ND	ND	ND	ND	3.1	85
08/05/18 07:00 AM	26927	340	1.93	ND	ND	ND	ND	ND	ND	ND	3.1	76
08/05/18 07:30 AM	27210	338	1.93	ND	ND	ND	ND	ND	ND	ND	4.4	80
08/05/18 08:00 AM	27231	337	1.92	ND	ND	ND	ND	ND	ND	ND	4.2	80
08/05/18 08:30 AM	27288	334	1.91	ND	ND	ND	ND	ND	ND	ND	5.1	89
08/05/18 09:00 AM	27098	332	1.89	ND	ND	ND	ND	ND	ND	ND	6.3	95
08/05/18 09:30 AM	26979	331	1.89	ND	ND	ND	ND	ND	ND	ND	6.9	93
08/05/18 10:00 AM	26596	333	1.90	ND	ND	ND	ND	ND	ND	ND	6.9	97
08/05/18 10:30 AM	26518	333	1.90	ND	ND	ND	ND	ND	ND	ND	6.2	101
08/05/18 11:00 AM	26164	334	1.89	ND	ND	ND	ND	ND	ND	ND	7.6	110
08/05/18 11:30 AM	26394	331	1.90	ND	ND	ND	ND	ND	ND	ND	7.9	100
08/05/18 12:00 PM	25723	334	1.90	ND	ND	ND	ND	ND	ND	ND	7.8	106
08/05/18 12:30 PM	25602	335	1.89	ND	ND	ND	ND	ND	ND	ND	8.3	103
08/05/18 01:00 PM	25527	335	1.88	ND	ND	ND	ND	ND	ND	ND	7.7	98
08/05/18 01:30 PM	25221	336	1.86	ND	ND	ND	ND	ND	ND	ND	8.5	98
08/05/18 02:00 PM	24345	334	1.86	ND	ND	ND	ND	ND	ND	ND	8.8	105
08/05/18 02:30 PM	24668	334	1.88	ND	ND	ND	ND	ND	ND	ND	8.8	109
08/05/18 03:00 PM	25053	334	1.89	ND	ND	ND	ND	ND	ND	ND	9.3	107
08/05/18 03:30 PM	25612	333	1.89	ND	ND	ND	ND	ND	ND	ND	9.5	98
08/05/18 04:00 PM	24968	334	1.90	ND	ND	ND	ND	ND	ND	ND	9.2	105
08/05/18 04:30 PM	24961	335	1.90	ND	ND	ND	ND	ND	ND	ND	8.7	95
08/05/18 05:00 PM	25645	336	1.91	ND	ND	ND	ND	ND	ND	ND	8.9	98
08/05/18 05:30 PM	25513	335	1.89	ND	ND	ND	ND	ND	ND	ND	7.9	102
08/05/18 06:00 PM	25380	336	1.92	ND	ND	ND	ND	ND	ND	ND	8.2	102
08/05/18 06:30 PM	26057	333	1.89	ND	ND	ND	ND	ND	ND	ND	8.0	100
08/05/18 07:00 PM	26498	333	1.90	ND	ND	ND	ND	ND	ND	ND	6.6	93
08/05/18 07:30 PM	26620	333	1.91	ND	ND	ND	ND	ND	ND	ND	6.1	91
08/05/18 08:00 PM	26000	336	1.93	ND	ND	ND	ND	ND	ND	ND	5.2	91
08/05/18 08:30 PM	26397	338	1.92	ND	ND	ND	ND	ND	ND	ND	5.0	84
08/05/18 09:00 PM	27020	337	1.95	ND	ND	ND	ND	ND	ND	ND	3.9	98
08/05/18 09:30 PM	27438	336	1.94	ND	ND	ND	ND	ND	ND	ND	4.0	86
08/05/18 10:00 PM	27613	339	1.96	ND	ND	ND	ND	ND	ND	ND	4.6	89
08/05/18 10:30 PM	26967	336	1.94	ND	ND	ND	ND	ND	ND	ND	3.9	75
08/05/18 11:00 PM	26860	340	1.98	ND	ND	ND	ND	ND	ND	ND	3.0	82
08/05/18 11:30 PM	26882	341	1.97	ND	ND	ND	ND	ND	ND	ND	3.2	82
08/06/18 12:00 AM	26865	343	1.96	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	26491	334	1.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.5	101
Maximum Value	27665	343	1.98	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/06/18 12:30 AM											3.1	79
08/06/18 01:00 AM											3.7	77
08/06/18 01:30 AM											4.0	90
08/06/18 02:00 AM											3.5	104
08/06/18 02:30 AM											2.4	84
08/06/18 03:00 AM											3.0	69
08/06/18 03:30 AM											2.8	68
08/06/18 04:00 AM											3.1	60
08/06/18 04:30 AM											3.2	67
08/06/18 05:00 AM											3.0	69
08/06/18 05:30 AM											3.1	69
08/06/18 06:00 AM											2.8	66
08/06/18 06:30 AM											3.2	66
08/06/18 07:00 AM											3.5	68
08/06/18 07:30 AM											4.4	92
08/06/18 08:00 AM											5.4	112
08/06/18 08:30 AM											6.8	111
08/06/18 09:00 AM											7.0	128
08/06/18 09:30 AM											6.2	136
08/06/18 10:00 AM											6.6	146
08/06/18 10:30 AM											4.9	163
08/06/18 11:00 AM											6.2	149
08/06/18 11:30 AM											5.7	165
08/06/18 12:00 PM											5.4	160
08/06/18 12:30 PM											5.5	146
08/06/18 01:00 PM											5.9	147
08/06/18 01:30 PM											6.0	159
08/06/18 02:00 PM											6.5	146
08/06/18 02:30 PM											6.4	157
08/06/18 03:00 PM											7.1	133
08/06/18 03:30 PM											6.7	129
08/06/18 04:00 PM											6.7	129
08/06/18 04:30 PM											8.1	117
08/06/18 05:00 PM											6.8	137
08/06/18 05:30 PM											7.3	130
08/06/18 06:00 PM											7.2	126
08/06/18 06:30 PM											7.1	119
08/06/18 07:00 PM											6.7	125
08/06/18 07:30 PM											7.3	118
08/06/18 08:00 PM											6.4	122
08/06/18 08:30 PM											6.7	114
08/06/18 09:00 PM											6.6	109
08/06/18 09:30 PM											6.1	110
08/06/18 10:00 PM											5.5	114
08/06/18 10:30 PM											5.8	112
08/06/18 11:00 PM											5.9	113
08/06/18 11:30 PM											6.1	114
08/07/18 12:00 AM											5.6	115

Daily Processed Summary (Average, Maximum)

Average											4.8	120
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/07/18 12:30 AM	26032	334	1.92	ND	ND	ND	ND	ND	ND	ND	3.5	125
08/07/18 01:00 AM	26107	337	1.93	ND	ND	ND	ND	ND	ND	ND	2.5	130
08/07/18 01:30 AM	26198	338	1.96	ND	ND	ND	ND	ND	ND	ND	3.5	124
08/07/18 02:00 AM	25790	337	1.95	ND	ND	ND	ND	ND	ND	ND	4.6	127
08/07/18 02:30 AM	26081	334	1.94	ND	ND	ND	ND	ND	ND	ND	5.2	126
08/07/18 03:00 AM	26389	333	1.92	ND	ND	ND	ND	ND	ND	ND	5.4	129
08/07/18 03:30 AM	26442	331	1.91	ND	ND	ND	ND	ND	ND	ND	6.3	132
08/07/18 04:00 AM	26506	332	1.94	ND	ND	ND	ND	ND	ND	ND	5.4	135
08/07/18 04:30 AM	26373	332	1.94	ND	ND	ND	ND	ND	ND	ND	5.0	127
08/07/18 05:00 AM	26537	333	1.92	ND	ND	ND	ND	ND	ND	ND	4.4	122
08/07/18 05:30 AM	26418	334	1.95	ND	ND	ND	ND	ND	ND	ND	4.3	131
08/07/18 06:00 AM	26273	334	1.95	ND	ND	ND	ND	ND	ND	ND	4.1	130
08/07/18 06:30 AM	26351	336	1.94	ND	ND	ND	ND	ND	ND	ND	3.7	133
08/07/18 07:00 AM	26403	336	1.94	ND	ND	ND	ND	ND	ND	ND	3.9	136
08/07/18 07:30 AM	26500	336	1.94	ND	ND	ND	ND	ND	ND	ND	3.5	136
08/07/18 08:00 AM	26794	335	1.95	ND	ND	ND	ND	ND	ND	ND	3.8	137
08/07/18 08:30 AM	26896	332	1.91	ND	ND	ND	ND	ND	ND	ND	4.7	131
08/07/18 09:00 AM	26791	330	1.90	ND	ND	ND	ND	ND	ND	ND	5.0	128
08/07/18 09:30 AM	27088	330	1.91	ND	ND	ND	ND	ND	ND	ND	5.8	130
08/07/18 10:00 AM	26247	332	1.91	ND	ND	ND	ND	ND	ND	ND	4.9	144
08/07/18 10:30 AM	25722	334	1.92	ND	ND	ND	ND	ND	ND	ND	6.0	127
08/07/18 11:00 AM	25774	331	1.93	ND	ND	ND	ND	ND	ND	ND	6.8	114
08/07/18 11:30 AM	25615	334	1.91	ND	ND	ND	ND	ND	ND	ND	7.0	119
08/07/18 12:00 PM	25236	332	1.91	ND	ND	ND	ND	ND	ND	ND	7.5	118
08/07/18 12:30 PM	24888	333	1.91	ND	ND	ND	ND	ND	ND	ND	7.0	121
08/07/18 01:00 PM	25337	336	1.91	ND	ND	ND	ND	ND	ND	ND	8.5	116
08/07/18 01:30 PM	25941	332	1.94	ND	ND	ND	ND	ND	ND	ND	8.2	118
08/07/18 02:00 PM	27375	381	2.02	ND	ND	ND	ND	ND	ND	ND	9.3	118
08/07/18 02:30 PM	27352	380	2.01	ND	ND	ND	ND	ND	ND	ND	9.8	118
08/07/18 03:00 PM	27721	380	2.01	ND	ND	ND	ND	ND	ND	ND	9.0	120
08/07/18 03:30 PM	27622	364	1.98	ND	ND	ND	ND	ND	ND	ND	10.3	119
08/07/18 04:00 PM	26554	357	1.95	ND	ND	ND	ND	ND	ND	ND	9.3	126
08/07/18 04:30 PM	26142	369	1.99	ND	ND	ND	ND	ND	ND	ND	8.9	125
08/07/18 05:00 PM	26085	335	1.90	ND	ND	ND	ND	ND	ND	ND	8.5	121
08/07/18 05:30 PM	26979	363	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	125
08/07/18 06:00 PM	27724	381	2.01	ND	ND	ND	ND	ND	ND	ND	8.4	114
08/07/18 06:30 PM	26535	383	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	114
08/07/18 07:00 PM	26603	382	2.02	ND	ND	ND	ND	ND	ND	ND	6.4	114
08/07/18 07:30 PM	26748	385	2.03	ND	ND	ND	ND	ND	ND	ND	7.1	111
08/07/18 08:00 PM	27450	384	2.03	ND	ND	ND	ND	ND	ND	ND	7.2	113
08/07/18 08:30 PM	26899	385	2.03	ND	ND	ND	ND	ND	ND	ND	6.2	115
08/07/18 09:00 PM	26604	384	2.02	ND	ND	ND	ND	ND	ND	ND	6.0	114
08/07/18 09:30 PM	26570	384	2.02	ND	ND	ND	ND	ND	ND	ND	5.6	114
08/07/18 10:00 PM	26633	383	2.03	ND	ND	ND	ND	ND	ND	ND	6.1	116
08/07/18 10:30 PM	28039	382	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	115
08/07/18 11:00 PM	28029	383	2.03	ND	ND	ND	ND	ND	ND	ND	6.8	115
08/07/18 11:30 PM	27879	382	2.03	ND	ND	ND	ND	ND	ND	ND	7.1	116
08/08/18 12:00 AM	28123	383	2.03	ND	ND	ND	ND	ND	ND	ND	6.7	133

Daily Processed Summary (Average, Maximum)

Average	26592	352	1.96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.2	122
Maximum Value	28123	385	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/08/18 12:30 AM	28020	384	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	133
08/08/18 01:00 AM	27808	384	2.04	ND	ND	ND	ND	ND	ND	ND	7.2	133
08/08/18 01:30 AM	27661	384	2.04	ND	ND	ND	ND	ND	ND	ND	7.9	135
08/08/18 02:00 AM	27785	384	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	136
08/08/18 02:30 AM	27921	383	2.05	ND	ND	ND	ND	ND	ND	ND	6.3	136
08/08/18 03:00 AM	28067	384	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	136
08/08/18 03:30 AM	28107	383	2.06	ND	ND	ND	ND	ND	ND	ND	5.3	137
08/08/18 04:00 AM	27884	384	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	134
08/08/18 04:30 AM	27897	382	2.06	ND	ND	ND	ND	ND	ND	ND	5.4	142
08/08/18 05:00 AM	25725	385	2.10	ND	ND	ND	ND	ND	ND	ND	5.6	170
08/08/18 05:30 AM	22976	387	2.04	ND	ND	ND	ND	ND	ND	ND	5.1	172
08/08/18 06:00 AM	22841	388	2.09	ND	ND	ND	ND	ND	ND	ND	2.4	131
08/08/18 06:30 AM	25197	388	2.38	ND	ND	ND	ND	ND	ND	ND	2.7	127
08/08/18 07:00 AM	27429	388	2.10	ND	ND	ND	ND	ND	ND	ND	3.1	122
08/08/18 07:30 AM	28410	383	2.09	ND	ND	ND	ND	ND	ND	ND	4.4	140
08/08/18 08:00 AM	25124	383	2.10	ND	ND	ND	ND	ND	ND	ND	4.3	147
08/08/18 08:30 AM	27008	384	2.20	ND	ND	ND	ND	ND	ND	ND	4.1	129
08/08/18 09:00 AM	27379	380	2.09	ND	ND	ND	ND	ND	ND	ND	3.9	124
08/08/18 09:30 AM	28587	379	2.18	ND	ND	ND	ND	ND	ND	ND	5.1	139
08/08/18 10:00 AM	28605	380	2.08	ND	ND	ND	ND	ND	ND	ND	4.2	173
08/08/18 10:30 AM	27222	370	2.05	ND	ND	ND	ND	ND	ND	ND	5.2	169
08/08/18 11:00 AM	28778	367	2.04	ND	ND	ND	ND	ND	ND	ND	5.7	156
08/08/18 11:30 AM	26489	378	2.04	ND	ND	ND	ND	ND	ND	ND	7.1	128
08/08/18 12:00 PM	26601	378	2.05	ND	ND	ND	ND	ND	ND	ND	7.5	135
08/08/18 12:30 PM	27011	378	2.03	ND	ND	ND	ND	ND	ND	ND	8.6	131
08/08/18 01:00 PM	24975	382	2.06	ND	ND	ND	ND	ND	ND	ND	7.9	174
08/08/18 01:30 PM	25201	382	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	209
08/08/18 02:00 PM	26466	382	2.05	ND	ND	ND	ND	ND	ND	ND	3.8	265
08/08/18 02:30 PM	26457	382	2.04	ND	ND	ND	ND	ND	ND	ND	3.0	288
08/08/18 03:00 PM	25746	382	2.05	ND	ND	ND	ND	ND	ND	ND	2.9	213
08/08/18 03:30 PM	25324	385	2.04	ND	ND	ND	ND	ND	ND	ND	3.6	132
08/08/18 04:00 PM	25031	385	2.02	ND	ND	ND	ND	ND	ND	ND	4.1	123
08/08/18 04:30 PM	22074	383	2.01	ND	ND	ND	ND	ND	ND	ND	5.1	124
08/08/18 05:00 PM	24596	382	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	124
08/08/18 05:30 PM	25874	379	2.02	ND	ND	ND	ND	ND	ND	ND	7.7	115
08/08/18 06:00 PM	25506	380	2.03	ND	ND	ND	ND	ND	ND	ND	8.4	113
08/08/18 06:30 PM	25650	382	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	123
08/08/18 07:00 PM	25683	382	2.04	ND	ND	ND	ND	ND	ND	ND	8.2	118
08/08/18 07:30 PM	25516	382	2.04	ND	ND	ND	ND	ND	ND	ND	7.1	120
08/08/18 08:00 PM	26620	382	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	121
08/08/18 08:30 PM	26234	382	2.05	ND	ND	ND	ND	ND	ND	ND	5.2	120
08/08/18 09:00 PM	26327	381	2.05	ND	ND	ND	ND	ND	ND	ND	6.6	118
08/08/18 09:30 PM	26646	380	2.05	ND	ND	ND	ND	ND	ND	ND	6.6	121
08/08/18 10:00 PM	26797	380	2.05	ND	ND	ND	ND	ND	ND	ND	7.5	119
08/08/18 10:30 PM	27117	380	2.04	ND	ND	ND	ND	ND	ND	ND	9.0	121
08/08/18 11:00 PM	27715	381	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	129
08/08/18 11:30 PM	27521	381	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	132
08/09/18 12:00 AM	27345	381	2.06	ND	ND	ND	ND	ND	ND	ND	7.1	135

Daily Processed Summary (Average, Maximum)

Average	26520	382	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	135
Maximum Value	28778	388	2.38	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	COH6 (ppm)	WSPD (mph)	WDIR (deg)
08/09/18 12:30 AM	27345	381	2.07	ND	ND	ND	ND	ND	ND	ND	6.7	136
08/09/18 01:00 AM	27477	380	2.08	ND	ND	ND	ND	ND	ND	ND	5.7	140
08/09/18 01:30 AM	27497	382	2.21	ND	ND	ND	ND	ND	ND	ND	5.2	141
08/09/18 02:00 AM	28172	384	2.27	ND	ND	ND	ND	ND	ND	ND	4.4	143
08/09/18 02:30 AM	28501	383	2.27	ND	ND	ND	ND	ND	ND	ND	5.2	136
08/09/18 03:00 AM	28711	387	2.31	ND	ND	ND	ND	ND	ND	ND	3.6	157
08/09/18 03:30 AM	28889	386	2.12	ND	ND	ND	ND	ND	ND	ND	3.8	154
08/09/18 04:00 AM	28656	384	2.13	ND	ND	ND	ND	ND	ND	ND	4.2	143
08/09/18 04:30 AM	28681	386	2.23	ND	ND	ND	ND	ND	ND	ND	2.8	146
08/09/18 05:00 AM	28678	388	2.10	ND	ND	ND	ND	ND	ND	ND	2.6	174
08/09/18 05:30 AM	28901	387	2.07	ND	ND	ND	ND	ND	ND	ND	2.5	176
08/09/18 06:00 AM	29023	388	2.09	ND	ND	ND	ND	ND	ND	ND	2.5	167
08/09/18 06:30 AM	28879	387	2.14	ND	ND	ND	ND	ND	ND	ND	3.0	165
08/09/18 07:00 AM	29024	389	2.11	ND	ND	ND	ND	ND	ND	ND	2.6	171
08/09/18 07:30 AM	29160	389	2.07	ND	ND	ND	ND	ND	ND	ND	2.8	173
08/09/18 08:00 AM	29517	387	2.08	ND	ND	ND	ND	ND	ND	ND	2.2	168
08/09/18 08:30 AM	29488	387	2.29	ND	ND	ND	ND	ND	ND	ND	2.7	175
08/09/18 09:00 AM	29134	384	2.10	ND	ND	ND	ND	ND	ND	ND	4.3	175
08/09/18 09:30 AM	28371	383	2.04	ND	ND	ND	ND	ND	ND	ND	4.5	179
08/09/18 10:00 AM	28345	381	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	157
08/09/18 10:30 AM	28028	385	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	178
08/09/18 11:00 AM	27184	386	2.03	ND	ND	ND	ND	ND	ND	ND	4.2	176
08/09/18 11:30 AM	26896	383	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	157
08/09/18 12:00 PM	27169	384	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	128
08/09/18 12:30 PM	27512	383	2.00	ND	ND	ND	ND	ND	ND	ND	5.8	134
08/09/18 01:00 PM	26094	384	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	161
08/09/18 01:30 PM	26736	382	2.00	ND	ND	ND	ND	ND	ND	ND	7.9	121
08/09/18 02:00 PM	26982	381	2.01	ND	ND	ND	ND	ND	ND	ND	9.3	113
08/09/18 02:30 PM	26985	383	1.99	ND	ND	ND	ND	ND	ND	ND	9.6	118
08/09/18 03:00 PM	27751	385	2.00	ND	ND	ND	ND	ND	ND	ND	10.6	115
08/09/18 03:30 PM	27492	386	2.00	ND	ND	ND	ND	ND	ND	ND	9.1	126
08/09/18 04:00 PM	25818	386	1.99	ND	ND	ND	ND	ND	ND	ND	9.0	125
08/09/18 04:30 PM	27107	384	1.99	ND	ND	ND	ND	ND	ND	ND	9.3	119
08/09/18 05:00 PM	28190	386	2.00	ND	0.00134	ND	ND	ND	ND	ND	10.7	119
08/09/18 05:30 PM	28353	384	2.01	ND	ND	ND	ND	ND	ND	ND	9.8	126
08/09/18 06:00 PM	28203	382	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	130
08/09/18 06:30 PM	28250	384	2.03	ND	ND	ND	ND	ND	ND	ND	7.4	132
08/09/18 07:00 PM	28096	384	2.02	ND	ND	ND	ND	ND	ND	ND	6.6	130
08/09/18 07:30 PM	27806	384	2.03	ND	ND	ND	ND	ND	ND	ND	6.8	127
08/09/18 08:00 PM	28085	382	2.05	ND	ND	ND	ND	ND	ND	ND	6.7	130
08/09/18 08:30 PM	28598	383	2.05	ND	ND	ND	ND	ND	ND	ND	8.1	134
08/09/18 09:00 PM	29243	380	2.05	ND	ND	ND	ND	ND	ND	ND	7.6	132
08/09/18 09:30 PM	28924	381	2.04	ND	ND	ND	ND	ND	ND	ND	6.8	134
08/09/18 10:00 PM	29033	383	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	137
08/09/18 10:30 PM	29665	380	2.06	ND	ND	ND	ND	ND	ND	ND	6.7	135
08/09/18 11:00 PM	29522	380	2.09	ND	ND	ND	ND	ND	ND	ND	6.7	139
08/09/18 11:30 PM	29448	380	2.15	ND	ND	ND	ND	ND	ND	ND	6.1	140
08/10/18 12:00 AM	29651	384	2.41	ND	ND	ND	ND	ND	ND	ND	5.9	146

Daily Processed Summary (Average, Maximum)

Average	28235	384	2.08	BDL	0.00003	BDL	BDL	BDL	BDL	BDL	5.6	138
Maximum Value	29665	389	2.41	BDL	0.00134	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/10/18 12:30 AM	29336	385	2.21	ND	ND	ND	ND	ND	ND	ND	5.8	153
08/10/18 01:00 AM	29250	384	2.11	ND	ND	ND	ND	ND	ND	ND	5.0	154
08/10/18 01:30 AM	29275	387	2.10	ND	ND	ND	ND	ND	ND	ND	5.6	151
08/10/18 02:00 AM	29032	385	2.09	ND	ND	ND	ND	ND	ND	ND	5.2	156
08/10/18 02:30 AM	29009	385	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	162
08/10/18 03:00 AM	28765	385	2.08	ND	ND	ND	ND	ND	ND	ND	4.9	163
08/10/18 03:30 AM	28892	387	2.08	ND	ND	ND	ND	ND	ND	ND	4.4	162
08/10/18 04:00 AM	29364	387	2.09	ND	ND	ND	ND	ND	ND	ND	4.6	163
08/10/18 04:30 AM	29643	385	2.09	ND	ND	ND	ND	ND	ND	ND	4.8	162
08/10/18 05:00 AM	29890	385	2.09	ND	ND	ND	ND	ND	ND	ND	4.9	160
08/10/18 05:30 AM	29973	384	2.10	ND	ND	ND	ND	ND	ND	ND	4.1	166
08/10/18 06:00 AM	29599	386	2.09	ND	ND	ND	ND	ND	ND	ND	4.1	169
08/10/18 06:30 AM	29157	383	2.08	ND	ND	ND	ND	ND	ND	ND	4.2	169
08/10/18 07:00 AM	28879	387	2.20	ND	ND	ND	ND	ND	ND	ND	4.6	164
08/10/18 07:30 AM	28804	384	2.10	ND	ND	ND	ND	ND	ND	ND	4.5	173
08/10/18 08:00 AM	28557	383	2.10	ND	ND	ND	ND	ND	ND	ND	4.8	170
08/10/18 08:30 AM	28587	386	2.08	ND	ND	ND	ND	ND	ND	ND	5.1	173
08/10/18 09:00 AM	28566	381	2.05	ND	ND	ND	ND	ND	ND	ND	5.1	186
08/10/18 09:30 AM	28393	383	2.05	ND	ND	ND	ND	ND	ND	ND	5.3	173
08/10/18 10:00 AM	27195	382	2.03	ND	ND	ND	ND	ND	ND	ND	6.1	179
08/10/18 10:30 AM	26933	381	2.02	ND	ND	ND	ND	ND	ND	ND	6.9	183
08/10/18 11:00 AM	26980	385	2.03	ND	ND	ND	ND	ND	ND	ND	7.0	182
08/10/18 11:30 AM	26846	381	2.02	ND	ND	ND	ND	ND	ND	ND	6.4	187
08/10/18 12:00 PM	25415	382	2.02	ND	ND	ND	ND	ND	ND	ND	6.8	170
08/10/18 12:30 PM	24669	384	2.02	ND	ND	ND	ND	ND	ND	ND	6.2	167
08/10/18 01:00 PM	24452	383	2.01	ND	ND	ND	ND	ND	ND	ND	6.5	173
08/10/18 01:30 PM	24000	384	2.02	ND	ND	ND	ND	ND	ND	ND	7.0	164
08/10/18 02:00 PM	24185	383	2.02	ND	ND	ND	ND	ND	ND	ND	6.4	168
08/10/18 02:30 PM	23703	383	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	174
08/10/18 03:00 PM	23457	382	2.00	ND	ND	ND	ND	ND	ND	ND	6.2	175
08/10/18 03:30 PM	24451	382	2.00	ND	ND	ND	ND	ND	ND	ND	6.9	141
08/10/18 04:00 PM	24940	381	1.99	ND	ND	ND	ND	ND	ND	ND	9.8	124
08/10/18 04:30 PM	24773	382	2.01	ND	ND	ND	ND	ND	ND	ND	10.4	128
08/10/18 05:00 PM	27955	378	2.02	ND	ND	ND	ND	ND	ND	ND	10.3	119
08/10/18 05:30 PM	27892	380	2.02	ND	ND	ND	ND	ND	ND	ND	10.7	117
08/10/18 06:00 PM	27911	379	2.03	ND	ND	ND	ND	ND	ND	ND	9.2	126
08/10/18 06:30 PM	28415	378	2.04	ND	ND	ND	ND	ND	ND	ND	10.4	121
08/10/18 07:00 PM	26575	381	2.04	ND	ND	ND	ND	ND	ND	ND	9.0	133
08/10/18 07:30 PM	26996	382	2.04	ND	ND	ND	ND	ND	ND	ND	8.0	130
08/10/18 08:00 PM	25906	382	2.05	ND	ND	ND	ND	ND	ND	ND	8.3	134
08/10/18 08:30 PM	27243	380	2.06	ND	ND	ND	ND	ND	ND	ND	7.8	132
08/10/18 09:00 PM	27567	381	2.05	ND	ND	ND	ND	ND	ND	ND	7.0	136
08/10/18 09:30 PM	27754	382	2.05	ND	ND	ND	ND	ND	ND	ND	7.1	133
08/10/18 10:00 PM	27987	381	2.05	ND	ND	ND	ND	ND	ND	ND	6.7	134
08/10/18 10:30 PM	27703	382	2.06	ND	ND	ND	ND	ND	ND	ND	7.9	133
08/10/18 11:00 PM	28240	381	2.06	ND	ND	ND	ND	ND	ND	ND	7.7	127
08/10/18 11:30 PM	27909	382	2.04	ND	ND	ND	ND	ND	ND	ND	7.4	135
08/11/18 12:00 AM	27997	378	2.05	ND	ND	ND	ND	ND	ND	ND	6.2	135

## Daily Processed Summary (Average, Maximum)

Average	27480	383	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	150
Maximum Value	29973	387	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/11/18 12:30 AM	27994	379	2.05	ND	ND	ND	ND	ND	ND	ND	6.4	137
08/11/18 01:00 AM	28110	379	2.05	ND	ND	ND	ND	ND	ND	ND	6.1	137
08/11/18 01:30 AM	28159	381	2.03	ND	ND	ND	ND	ND	ND	ND	7.6	139
08/11/18 02:00 AM	28258	375	2.03	ND	ND	ND	ND	ND	ND	ND	6.9	143
08/11/18 02:30 AM	28371	380	2.04	ND	ND	ND	ND	ND	ND	ND	5.7	145
08/11/18 03:00 AM	28318	382	2.04	ND	ND	ND	ND	ND	ND	ND	4.4	142
08/11/18 03:30 AM	28386	384	2.08	ND	ND	ND	ND	ND	ND	ND	3.6	155
08/11/18 04:00 AM	28342	384	2.10	ND	ND	ND	ND	ND	ND	ND	3.3	160
08/11/18 04:30 AM	28351	385	2.19	ND	ND	ND	ND	ND	ND	ND	3.1	152
08/11/18 05:00 AM	28312	386	2.07	ND	ND	ND	ND	ND	ND	ND	2.3	141
08/11/18 05:30 AM	28292	385	2.07	ND	ND	ND	ND	ND	ND	ND	2.0	149
08/11/18 06:00 AM	28201	387	2.19	ND	ND	ND	ND	ND	ND	ND	2.4	148
08/11/18 06:30 AM	28303	384	2.11	ND	ND	ND	ND	ND	ND	ND	2.7	151
08/11/18 07:00 AM	28572	386	2.10	ND	ND	ND	ND	ND	ND	ND	2.4	144
08/11/18 07:30 AM	27996	387	2.10	ND	ND	ND	ND	ND	ND	ND	3.2	157
08/11/18 08:00 AM	26829	384	2.09	ND	ND	ND	ND	ND	ND	ND	3.8	179
08/11/18 08:30 AM	27414	386	2.07	ND	ND	ND	ND	ND	ND	ND	2.8	200
08/11/18 09:00 AM	27438	386	2.06	ND	ND	ND	ND	ND	ND	ND	3.1	235
08/11/18 09:30 AM	27324	384	2.04	ND	ND	ND	ND	ND	ND	ND	3.1	245
08/11/18 10:00 AM	27283	383	2.04	ND	ND	ND	ND	ND	ND	ND	3.1	218
08/11/18 10:30 AM	27002	383	2.04	ND	ND	ND	ND	ND	ND	ND	4.0	189
08/11/18 11:00 AM	27260	381	2.03	ND	ND	ND	ND	ND	ND	ND	4.9	225
08/11/18 11:30 AM	27512	376	2.04	ND	ND	ND	ND	ND	ND	ND	4.9	245
08/11/18 12:00 PM	27361	381	2.03	ND	ND	ND	ND	ND	ND	ND	4.1	264
08/11/18 12:30 PM	27479	384	2.03	ND	ND	ND	ND	ND	ND	ND	5.5	273
08/11/18 01:00 PM	27341	382	2.02	ND	ND	ND	ND	ND	ND	ND	5.5	258
08/11/18 01:30 PM	26498	378	2.02	ND	ND	ND	ND	ND	ND	ND	3.1	245
08/11/18 02:00 PM	26721	383	2.03	ND	ND	ND	ND	ND	ND	ND	5.0	256
08/11/18 02:30 PM	26002	382	2.02	ND	ND	ND	ND	ND	ND	ND	4.2	173
08/11/18 03:00 PM	26178	380	2.01	ND	ND	ND	ND	ND	ND	ND	9.6	122
08/11/18 03:30 PM	26758	377	2.02	ND	ND	ND	ND	ND	ND	ND	10.0	117
08/11/18 04:00 PM	26630	380	2.03	ND	ND	ND	ND	ND	ND	ND	10.9	120
08/11/18 04:30 PM	26506	379	2.03	ND	ND	ND	ND	ND	ND	ND	12.1	125
08/11/18 05:00 PM	26391	376	2.02	ND	ND	ND	ND	ND	ND	ND	9.9	133
08/11/18 05:30 PM	27164	379	2.03	ND	ND	ND	ND	ND	ND	ND	10.2	128
08/11/18 06:00 PM	27311	382	2.03	ND	ND	ND	ND	ND	ND	ND	11.3	131
08/11/18 06:30 PM	25790	379	2.03	ND	ND	ND	ND	ND	ND	ND	8.7	137
08/11/18 07:00 PM	25108	381	2.03	ND	ND	ND	ND	ND	ND	ND	8.5	135
08/11/18 07:30 PM	26672	382	2.05	ND	ND	ND	ND	ND	ND	ND	7.7	145
08/11/18 08:00 PM	26999	383	2.08	ND	ND	ND	ND	ND	ND	ND	6.2	153
08/11/18 08:30 PM	26170	381	2.06	ND	ND	ND	ND	ND	ND	ND	5.2	130
08/11/18 09:00 PM	25587	383	2.08	ND	ND	ND	ND	ND	ND	ND	3.5	119
08/11/18 09:30 PM	25734	384	2.10	ND	ND	ND	ND	ND	ND	ND	2.7	128
08/11/18 10:00 PM	25043	386	2.10	ND	ND	ND	ND	ND	ND	ND	3.0	135
08/11/18 10:30 PM	25123	385	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	140
08/11/18 11:00 PM	24927	382	2.07	ND	ND	ND	ND	ND	ND	ND	4.7	131
08/11/18 11:30 PM	25631	383	2.07	ND	ND	ND	ND	ND	ND	ND	5.5	132
08/12/18 12:00 AM	27224	379	2.06	ND	ND	ND	ND	ND	ND	ND	7.2	133

Daily Processed Summary (Average, Maximum)

Average	27091	382	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1	149
Maximum Value	28572	387	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/12/18 12:30 AM	28598	380	2.06	ND	ND	ND	ND	ND	ND	ND	7.3	123
08/12/18 01:00 AM	28785	375	2.06	ND	ND	ND	ND	ND	ND	ND	7.3	126
08/12/18 01:30 AM	28370	378	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	132
08/12/18 02:00 AM	28443	378	2.05	ND	ND	ND	ND	ND	ND	ND	6.6	135
08/12/18 02:30 AM	28454	378	2.05	ND	ND	ND	ND	ND	ND	ND	6.0	135
08/12/18 03:00 AM	28304	379	2.06	ND	ND	ND	ND	ND	ND	ND	5.8	142
08/12/18 03:30 AM	28121	379	2.07	ND	ND	ND	ND	ND	ND	ND	5.9	140
08/12/18 04:00 AM	27853	382	2.07	ND	ND	ND	ND	ND	ND	ND	4.3	141
08/12/18 04:30 AM	28222	384	2.08	ND	ND	ND	ND	ND	ND	ND	3.2	144
08/12/18 05:00 AM	29093	380	2.07	ND	ND	ND	ND	ND	ND	ND	3.6	136
08/12/18 05:30 AM	29385	380	2.07	ND	ND	ND	ND	ND	ND	ND	6.4	132
08/12/18 06:00 AM	29311	383	2.06	ND	ND	ND	ND	ND	ND	ND	6.0	130
08/12/18 06:30 AM	29871	381	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	133
08/12/18 07:00 AM	30006	377	2.07	ND	ND	ND	ND	ND	ND	ND	5.4	130
08/12/18 07:30 AM	29869	377	2.05	ND	ND	ND	ND	ND	ND	ND	6.1	132
08/12/18 08:00 AM	30000	377	2.03	ND	ND	ND	ND	ND	ND	ND	5.7	130
08/12/18 08:30 AM	30282	376	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	133
08/12/18 09:00 AM	30598	375	2.05	ND	ND	ND	ND	ND	ND	ND	5.8	133
08/12/18 09:30 AM	29929	372	2.04	ND	ND	ND	ND	ND	ND	ND	7.1	134
08/12/18 10:00 AM	27844	377	2.03	ND	ND	ND	ND	ND	ND	ND	8.8	137
08/12/18 10:30 AM	27326	379	2.03	ND	ND	ND	ND	ND	ND	ND	9.3	136
08/12/18 11:00 AM	25700	380	2.03	ND	ND	ND	ND	ND	ND	ND	9.2	132
08/12/18 11:30 AM	26324	381	2.02	ND	ND	ND	ND	ND	ND	ND	9.6	123
08/12/18 12:00 PM	27768	378	2.03	ND	ND	ND	ND	ND	ND	ND	9.4	124
08/12/18 12:30 PM	29361	376	2.04	ND	ND	ND	ND	ND	ND	ND	10.8	130
08/12/18 01:00 PM	28335	375	2.04	ND	ND	ND	ND	ND	ND	ND	9.9	130
08/12/18 01:30 PM	27900	378	2.05	ND	ND	ND	ND	ND	ND	ND	11.4	127
08/12/18 02:00 PM	26746	380	2.05	ND	ND	ND	ND	ND	ND	ND	10.1	129
08/12/18 02:30 PM	26903	381	2.04	ND	ND	ND	ND	ND	ND	ND	11.0	132
08/12/18 03:00 PM	26639	380	2.03	ND	ND	ND	ND	ND	ND	ND	10.2	131
08/12/18 03:30 PM	26752	379	2.04	ND	ND	ND	ND	ND	ND	ND	10.2	127
08/12/18 04:00 PM	26567	379	2.03	ND	ND	ND	ND	ND	ND	ND	10.3	125
08/12/18 04:30 PM	26729	378	2.03	ND	ND	ND	ND	ND	ND	ND	10.6	129
08/12/18 05:00 PM	26735	378	2.05	ND	ND	ND	ND	ND	ND	ND	9.8	130
08/12/18 05:30 PM	26964	378	2.05	ND	ND	ND	ND	ND	ND	ND	9.1	128
08/12/18 06:00 PM	27648	379	2.04	ND	ND	ND	ND	ND	ND	ND	10.3	121
08/12/18 06:30 PM	27834	379	2.05	ND	ND	ND	ND	ND	ND	ND	9.1	122
08/12/18 07:00 PM	28191	381	2.06	ND	ND	ND	ND	ND	ND	ND	8.5	126
08/12/18 07:30 PM	28475	379	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	118
08/12/18 08:00 PM	28363	382	2.05	ND	ND	ND	ND	ND	ND	ND	7.9	117
08/12/18 08:30 PM	29050	379	2.05	ND	ND	ND	ND	ND	ND	ND	7.7	120
08/12/18 09:00 PM	29478	380	2.06	ND	ND	ND	ND	ND	ND	ND	7.0	117
08/12/18 09:30 PM	29693	381	2.05	ND	ND	ND	ND	ND	ND	ND	7.6	113
08/12/18 10:00 PM	29911	379	2.07	ND	ND	ND	ND	ND	ND	ND	8.5	113
08/12/18 10:30 PM	30090	376	2.05	ND	ND	ND	ND	ND	ND	ND	9.3	117
08/12/18 11:00 PM	29955	377	2.04	ND	ND	ND	ND	ND	ND	ND	9.2	120
08/12/18 11:30 PM	30083	374	2.05	ND	ND	ND	ND	ND	ND	ND	9.2	120
08/13/18 12:00 AM	30185	379	2.04	ND	ND	ND	ND	ND	ND	ND	9.2	120

Daily Processed Summary (Average, Maximum)

Average	28480	379	2.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.9	128
Maximum Value	30598	384	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	CGH6 (ppm)	WSPD (mph)	WDIR (deg)
08/13/18 12:30 AM	30158	381	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	125
08/13/18 01:00 AM	30135	383	2.05	ND	ND	ND	ND	ND	ND	ND	9.2	131
08/13/18 01:30 AM	30181	381	2.06	ND	ND	ND	ND	ND	ND	ND	9.2	132
08/13/18 02:00 AM	30379	382	2.06	ND	ND	ND	ND	ND	ND	ND	8.7	133
08/13/18 02:30 AM	30293	380	2.07	ND	ND	ND	ND	ND	ND	ND	8.4	133
08/13/18 03:00 AM	30150	382	2.07	ND	ND	ND	ND	ND	ND	ND	7.4	136
08/13/18 03:30 AM	29953	382	2.06	ND	ND	ND	ND	ND	ND	ND	6.0	146
08/13/18 04:00 AM	29924	384	2.10	ND	ND	ND	ND	ND	ND	ND	4.3	154
08/13/18 04:30 AM	30179	381	2.07	ND	ND	ND	ND	ND	ND	ND	5.1	134
08/13/18 05:00 AM	30294	380	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	135
08/13/18 05:30 AM	30352	380	2.07	ND	ND	ND	ND	ND	ND	ND	5.3	136
08/13/18 06:00 AM	30433	377	2.07	ND	ND	ND	ND	ND	ND	ND	6.2	132
08/13/18 06:30 AM	30460	374	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	134
08/13/18 07:00 AM	30499	377	2.05	ND	ND	ND	ND	ND	ND	ND	5.6	138
08/13/18 07:30 AM	29750	376	2.05	ND	ND	ND	ND	ND	ND	ND	4.9	140
08/13/18 08:00 AM	29732	377	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	154
08/13/18 08:30 AM	29915	377	2.07	ND	ND	ND	ND	ND	ND	ND	6.4	155
08/13/18 09:00 AM	29618	378	2.05	ND	ND	ND	ND	ND	ND	ND	6.0	165
08/13/18 09:30 AM	28247	379	2.07	ND	ND	ND	ND	ND	ND	ND	7.2	153
08/13/18 10:00 AM	28056	377	2.05	ND	ND	ND	ND	ND	ND	ND	7.7	148
08/13/18 10:30 AM	26954	380	2.05	ND	ND	ND	ND	ND	ND	ND	8.9	140
08/13/18 11:00 AM	26695	380	2.03	ND	ND	ND	ND	ND	ND	ND	8.6	145
08/13/18 11:30 AM	25935	381	2.02	ND	ND	ND	ND	ND	ND	ND	8.8	145
08/13/18 12:00 PM	26184	382	2.02	ND	ND	ND	ND	ND	ND	ND	8.9	137
08/13/18 12:30 PM	26000	380	2.02	ND	ND	ND	ND	ND	ND	ND	8.3	149
08/13/18 01:00 PM	25832	380	2.02	ND	ND	ND	ND	ND	ND	ND	10.3	131
08/13/18 01:30 PM	25631	381	2.03	ND	ND	ND	ND	ND	ND	ND	9.9	130
08/13/18 02:00 PM	26528	376	2.02	ND	ND	ND	ND	ND	ND	ND	10.5	133
08/13/18 02:30 PM	26215	380	2.01	ND	ND	ND	ND	ND	ND	ND	10.1	129
08/13/18 03:00 PM	26229	381	2.01	ND	ND	ND	ND	ND	ND	ND	10.2	132
08/13/18 03:30 PM	26748	381	2.03	ND	ND	ND	ND	ND	ND	ND	9.8	130
08/13/18 04:00 PM	26500	380	2.02	ND	ND	ND	ND	ND	ND	ND	9.9	121
08/13/18 04:30 PM	25598	382	2.02	ND	ND	ND	ND	ND	ND	ND	9.2	126
08/13/18 05:00 PM	25487	383	2.01	ND	ND	ND	ND	ND	ND	ND	8.6	127
08/13/18 05:30 PM	24838	385	2.01	ND	ND	ND	ND	ND	ND	ND	8.7	131
08/13/18 06:00 PM	25379	382	2.01	ND	ND	ND	ND	ND	ND	ND	9.7	117
08/13/18 06:30 PM	25566	380	2.01	ND	ND	ND	ND	ND	ND	ND	7.9	120
08/13/18 07:00 PM	26023	383	2.02	ND	ND	ND	ND	ND	ND	ND	7.5	126
08/13/18 07:30 PM	27581	378	2.03	ND	ND	ND	ND	ND	ND	ND	6.7	130
08/13/18 08:00 PM	28001	380	2.03	ND	ND	ND	ND	ND	ND	ND	7.4	121
08/13/18 08:30 PM	27414	380	2.04	ND	ND	ND	ND	ND	ND	ND	6.2	125
08/13/18 09:00 PM	27187	385	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	120
08/13/18 09:30 PM	27271	382	2.02	ND	ND	ND	ND	ND	ND	ND	8.2	121
08/13/18 10:00 PM	27003	385	2.02	ND	ND	ND	ND	ND	ND	ND	8.1	128
08/13/18 10:30 PM	27434	386	2.04	ND	ND	ND	ND	ND	ND	ND		
08/13/18 11:00 PM	26800	382	2.04	ND	ND	ND	ND	ND	ND	ND		
08/13/18 11:30 PM	26966	382	2.03	ND	ND	ND	ND	ND	ND	ND		
08/14/18 12:00 AM	26686	383	2.02	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	27904	381	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.7	134
Maximum Value	30499	386	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/14/18 12:30 AM	27182	381	2.03	ND	ND	ND	ND	ND	ND	ND	8.4	131
08/14/18 01:00 AM	27279	380	2.03	ND	ND	ND	ND	ND	ND	ND	9.4	133
08/14/18 01:30 AM	27607	379	2.03	ND	ND	ND	ND	ND	ND	ND	9.3	135
08/14/18 02:00 AM	27435	381	2.04	ND	ND	ND	ND	ND	ND	ND	9.1	133
08/14/18 02:30 AM	27632	383	2.04	ND	ND	ND	ND	ND	ND	ND	8.4	135
08/14/18 03:00 AM	27822	382	2.03	ND	ND	ND	ND	ND	ND	ND	7.8	138
08/14/18 03:30 AM	27907	380	2.02	ND	ND	ND	ND	ND	ND	ND	7.6	138
08/14/18 04:00 AM	27787	382	2.02	ND	ND	ND	ND	ND	ND	ND	7.0	139
08/14/18 04:30 AM	28162	380	2.02	ND	ND	ND	ND	ND	ND	ND	7.6	134
08/14/18 05:00 AM	28182	379	2.02	ND	ND	ND	ND	ND	ND	ND	8.3	135
08/14/18 05:30 AM	28399	379	2.02	ND	ND	ND	ND	ND	ND	ND	7.9	134
08/14/18 06:00 AM	28498	380	2.02	ND	ND	ND	ND	ND	ND	ND	7.0	135
08/14/18 06:30 AM	28671	378	2.03	ND	ND	ND	ND	ND	ND	ND	6.4	140
08/14/18 07:00 AM	28321	380	2.02	ND	ND	ND	ND	ND	ND	ND	6.2	137
08/14/18 07:30 AM	28152	381	2.02	ND	ND	ND	ND	ND	ND	ND	5.9	140
08/14/18 08:00 AM	28019	383	2.02	ND	ND	ND	ND	ND	ND	ND	4.4	138
08/14/18 08:30 AM	27449	380	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	137
08/14/18 09:00 AM	27467	381	2.00	ND	ND	ND	ND	ND	ND	ND	5.9	137
08/14/18 09:30 AM	27156	378	2.00	ND	ND	ND	ND	ND	ND	ND	7.6	138
08/14/18 10:00 AM	26537	379	2.01	ND	ND	ND	ND	ND	ND	ND	6.8	145
08/14/18 10:30 AM	26741	377	2.00	ND	ND	ND	ND	ND	ND	ND	7.6	130
08/14/18 11:00 AM	26561	376	2.00	ND	ND	ND	ND	ND	ND	ND	7.9	132
08/14/18 11:30 AM	26702	380	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	129
08/14/18 12:00 PM	26560	377	1.99	ND	ND	ND	ND	ND	ND	ND	9.4	124
08/14/18 12:30 PM	26517	375	2.00	ND	ND	ND	ND	ND	ND	ND	9.7	119
08/14/18 01:00 PM	27558	374	2.01	ND	ND	ND	ND	ND	ND	ND	10.2	121
08/14/18 01:30 PM	27331	374	2.01	ND	ND	ND	ND	ND	ND	ND	10.3	120
08/14/18 02:00 PM	27534	372	2.01	ND	ND	ND	ND	ND	ND	ND	11.9	119
08/14/18 02:30 PM	25685	374	2.01	ND	ND	ND	ND	ND	ND	ND	11.7	120
08/14/18 03:00 PM	27003	375	2.01	ND	ND	ND	ND	ND	ND	ND	10.4	120
08/14/18 03:30 PM	26264	373	2.01	ND	ND	ND	ND	ND	ND	ND	9.8	118
08/14/18 04:00 PM	26338	372	2.00	ND	ND	ND	ND	ND	ND	ND	10.3	115
08/14/18 04:30 PM	26998	372	2.02	ND	ND	ND	ND	ND	ND	ND	11.1	121
08/14/18 05:00 PM	27644	376	2.03	ND	ND	ND	ND	ND	ND	ND	9.6	119
08/14/18 05:30 PM	27421	377	2.02	ND	ND	ND	ND	ND	ND	ND	10.2	121
08/14/18 06:00 PM	27390	376	2.02	ND	ND	ND	ND	ND	ND	ND	9.7	121
08/14/18 06:30 PM	27016	376	2.02	ND	ND	ND	ND	ND	ND	ND	9.1	122
08/14/18 07:00 PM	27121	374	2.01	ND	ND	ND	ND	ND	ND	ND	8.3	119
08/14/18 07:30 PM	27301	375	2.01	ND	ND	ND	ND	ND	ND	ND	9.4	117
08/14/18 08:00 PM	27278	376	2.03	ND	ND	ND	ND	ND	ND	ND	8.6	120
08/14/18 08:30 PM	27879	375	2.02	ND	ND	ND	ND	ND	ND	ND	7.7	119
08/14/18 09:00 PM	27636	379	2.02	ND	ND	ND	ND	ND	ND	ND	7.2	123
08/14/18 09:30 PM	27434	379	2.03	ND	ND	ND	ND	ND	ND	ND	6.2	132
08/14/18 10:00 PM	27298	379	2.03	ND	ND	ND	ND	ND	ND	ND	6.2	133
08/14/18 10:30 PM	27830	379	2.02	ND	ND	ND	ND	ND	ND	ND	6.2	132
08/14/18 11:00 PM	28125	376	2.02	ND	ND	ND	ND	ND	ND	ND	6.9	132
08/14/18 11:30 PM	27786	376	2.02	ND	ND	ND	ND	ND	ND	ND	6.9	134
08/15/18 12:00 AM	27824	378	2.01	ND	ND	ND	ND	ND	ND	ND	7.2	133

Daily Processed Summary (Average, Maximum)

Average	27426	378	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	128
Maximum Value	28671	383	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/15/18 12:30 AM	27352	377	2.00	ND	ND	ND	ND	ND	ND	ND	7.6	124
08/15/18 01:00 AM	27917	380	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	134
08/15/18 01:30 AM	27839	377	2.01	ND	ND	ND	ND	ND	ND	ND	8.2	133
08/15/18 02:00 AM	27818	377	2.01	ND	ND	ND	ND	ND	ND	ND	5.7	137
08/15/18 02:30 AM	27960	377	2.02	ND	ND	ND	ND	ND	ND	ND	5.8	135
08/15/18 03:00 AM	28286	379	2.02	ND	ND	ND	ND	ND	ND	ND	6.1	144
08/15/18 03:30 AM	27676	376	2.01	ND	ND	ND	ND	ND	ND	ND	6.5	140
08/15/18 04:00 AM	27846	374	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	141
08/15/18 04:30 AM	27731	377	2.02	ND	ND	ND	ND	ND	ND	ND	6.0	140
08/15/18 05:00 AM	27734	377	2.03	ND	ND	ND	ND	ND	ND	ND	5.6	140
08/15/18 05:30 AM	28219	378	2.02	ND	ND	ND	ND	ND	ND	ND	5.2	138
08/15/18 06:00 AM	28416	379	2.03	ND	ND	ND	ND	ND	ND	ND	3.4	139
08/15/18 06:30 AM	28570	379	2.02	ND	ND	ND	ND	ND	ND	ND	3.1	138
08/15/18 07:00 AM	28202	375	2.03	ND	ND	ND	ND	ND	ND	ND	3.8	137
08/15/18 07:30 AM	28319	381	2.03	ND	ND	ND	ND	ND	ND	ND	3.5	139
08/15/18 08:00 AM	28580	380	2.04	ND	ND	ND	ND	ND	ND	ND	3.5	137
08/15/18 08:30 AM	28874	379	2.04	ND	ND	ND	ND	ND	ND	ND	4.2	148
08/15/18 09:00 AM	28625	377	2.02	ND	ND	ND	ND	ND	ND	ND	5.2	150
08/15/18 09:30 AM	28348	377	2.03	ND	ND	ND	ND	ND	ND	ND	5.9	155
08/15/18 10:00 AM	27435	376	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	161
08/15/18 10:30 AM	27461	377	2.01	ND	ND	ND	ND	ND	ND	ND	6.0	194
08/15/18 11:00 AM	26895	377	2.01	ND	ND	ND	ND	ND	ND	ND	6.9	183
08/15/18 11:30 AM	25585	379	2.01	ND	ND	ND	ND	ND	ND	ND	7.5	177
08/15/18 12:00 PM	26104	379	2.01	ND	ND	ND	ND	ND	ND	ND	6.7	170
08/15/18 12:30 PM	25554	381	2.01	ND	ND	ND	ND	ND	ND	ND	7.4	169
08/15/18 01:00 PM	25204	382	2.01	ND	ND	ND	ND	ND	ND	ND	8.0	164
08/15/18 01:30 PM	24700	382	2.00	ND	ND	ND	ND	ND	ND	ND	7.5	166
08/15/18 02:00 PM	25035	380	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	169
08/15/18 02:30 PM	24797	380	2.00	ND	ND	ND	ND	ND	ND	ND	7.6	157
08/15/18 03:00 PM	25438	380	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	147
08/15/18 03:30 PM	25560	379	2.00	ND	ND	ND	ND	ND	ND	ND	8.3	140
08/15/18 04:00 PM	26349	380	2.00	ND	ND	ND	ND	ND	ND	ND	9.5	121
08/15/18 04:30 PM	27415	377	1.98	ND	ND	ND	ND	ND	ND	ND	9.4	120
08/15/18 05:00 PM	27772	375	1.99	ND	ND	ND	ND	ND	ND	ND	9.1	134
08/15/18 05:30 PM	27556	377	2.00	ND	ND	ND	ND	ND	ND	ND	9.6	119
08/15/18 06:00 PM	27963	374	2.00	ND	ND	ND	ND	ND	ND	ND	8.9	131
08/15/18 06:30 PM	26800	377	2.00	ND	ND	ND	ND	ND	ND	ND	8.0	122
08/15/18 07:00 PM	26278	379	1.98	ND	ND	ND	ND	ND	ND	ND	8.7	115
08/15/18 07:30 PM											7.6	125
08/15/18 08:00 PM											7.9	123
08/15/18 08:30 PM											7.4	135
08/15/18 09:00 PM											8.3	133
08/15/18 09:30 PM											7.4	136
08/15/18 10:00 PM											6.6	139
08/15/18 10:30 PM											7.3	134
08/15/18 11:00 PM											6.7	134
08/15/18 11:30 PM											7.3	140
08/16/18 12:00 AM												

Daily Processed Summary (Average, Maximum)

Average	27216	378	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.5	142
Maximum Value	28874	382	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/16/18 12:30 AM											7.5	142
08/16/18 01:00 AM											6.3	139
08/16/18 01:30 AM											6.4	150
08/16/18 02:00 AM											5.8	153
08/16/18 02:30 AM											6.4	153
08/16/18 03:00 AM											5.8	150
08/16/18 03:30 AM											6.4	156
08/16/18 04:00 AM											6.1	163
08/16/18 04:30 AM											5.5	161
08/16/18 05:00 AM											4.7	154
08/16/18 05:30 AM											4.3	153
08/16/18 06:00 AM											4.0	156
08/16/18 06:30 AM											4.3	165
08/16/18 07:00 AM											4.0	156
08/16/18 07:30 AM											4.6	157
08/16/18 08:00 AM											5.0	157
08/16/18 08:30 AM											5.2	152
08/16/18 09:00 AM											4.1	163
08/16/18 09:30 AM											4.2	160
08/16/18 10:00 AM											5.0	160
08/16/18 10:30 AM											6.2	134
08/16/18 11:00 AM											7.7	129
08/16/18 11:30 AM											8.4	127
08/16/18 12:00 PM											9.2	115
08/16/18 12:30 PM											9.0	116
08/16/18 01:00 PM											9.7	113
08/16/18 01:30 PM											10.3	113
08/16/18 02:00 PM											10.1	118
08/16/18 02:30 PM											10.4	122
08/16/18 03:00 PM	27754	372	1.99	ND	ND	ND	ND	ND	ND	ND	9.9	123
08/16/18 03:30 PM	28065	376	2.00	ND	ND	ND	ND	ND	ND	ND	10.8	120
08/16/18 04:00 PM	26956	377	2.00	ND	ND	ND	ND	ND	ND	ND	9.9	129
08/16/18 04:30 PM	26594	377	2.00	ND	ND	ND	ND	ND	ND	ND	9.5	128
08/16/18 05:00 PM	25589	376	2.00	ND	ND	ND	ND	ND	ND	ND	10.1	125
08/16/18 05:30 PM	27870	375	2.00	ND	ND	ND	ND	ND	ND	ND	9.7	127
08/16/18 06:00 PM	30028	369	2.01	ND	ND	ND	ND	ND	ND	ND	9.1	119
08/16/18 06:30 PM	27405	374	2.01	ND	ND	ND	ND	ND	ND	ND	9.8	137
08/16/18 07:00 PM	28189	371	2.02	ND	ND	ND	ND	ND	ND	ND	9.0	136
08/16/18 07:30 PM	27704	372	2.03	ND	ND	ND	ND	ND	ND	ND	8.4	138
08/16/18 08:00 PM	28879	369	2.02	ND	ND	ND	ND	ND	ND	ND	8.0	135
08/16/18 08:30 PM	29326	365	2.04	ND	ND	ND	ND	ND	ND	ND	8.3	132
08/16/18 09:00 PM	29500	365	2.02	ND	ND	ND	ND	ND	ND	ND	7.3	137
08/16/18 09:30 PM	29133	369	2.03	ND	ND	ND	ND	ND	ND	ND	7.4	138
08/16/18 10:00 PM	28709	372	2.03	ND	ND	ND	ND	ND	ND	ND	7.2	141
08/16/18 10:30 PM	28750	374	2.03	ND	ND	ND	ND	ND	ND	ND	6.5	143
08/16/18 11:00 PM	28495	375	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	145
08/16/18 11:30 PM	28351	375	2.06	ND	ND	ND	ND	ND	ND	ND	5.5	153

## Daily Processed Summary (Average, Maximum)

Average	28183	372	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	136
Maximum Value	30028	377	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/17/18 12:30 AM	28816	377	2.08	ND	ND	ND	ND	ND	ND	ND	4.7	163
08/17/18 01:00 AM	28811	378	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	163
08/17/18 01:30 AM	29095	379	2.06	ND	ND	ND	ND	ND	ND	ND	5.3	163
08/17/18 02:00 AM	29112	375	2.08	ND	ND	ND	ND	ND	ND	ND	5.0	163
08/17/18 02:30 AM	29323	375	2.08	ND	ND	ND	ND	ND	ND	ND	5.1	161
08/17/18 03:00 AM	29214	379	2.09	ND	ND	ND	ND	ND	ND	ND	4.9	161
08/17/18 03:30 AM	28780	380	2.09	ND	ND	ND	ND	ND	ND	ND	4.3	160
08/17/18 04:00 AM	28914	379	2.09	ND	ND	ND	ND	ND	ND	ND	4.4	155
08/17/18 04:30 AM	29221	381	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	156
08/17/18 05:00 AM	29349	379	2.07	ND	ND	ND	ND	ND	ND	ND	4.2	152
08/17/18 05:30 AM	29255	379	2.07	ND	ND	ND	ND	ND	ND	ND	3.9	158
08/17/18 06:00 AM	29260	381	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	161
08/17/18 06:30 AM	29326	380	2.07	ND	ND	ND	ND	ND	ND	ND	4.2	159
08/17/18 07:00 AM	29296	380	2.07	ND	ND	ND	ND	ND	ND	ND	3.6	153
08/17/18 07:30 AM	29124	379	2.03	ND	ND	ND	ND	ND	ND	ND	3.3	140
08/17/18 08:00 AM	29067	379	2.03	ND	ND	ND	ND	ND	ND	ND	3.4	158
08/17/18 08:30 AM	28722	377	2.03	ND	ND	ND	ND	ND	ND	ND	3.7	154
08/17/18 09:00 AM	28381	375	2.02	ND	ND	ND	ND	ND	ND	ND	4.7	136
08/17/18 09:30 AM	27967	373	2.01	ND	ND	ND	ND	ND	ND	ND	5.3	126
08/17/18 10:00 AM	28149	375	2.01	ND	ND	ND	ND	ND	ND	ND	4.9	153
08/17/18 10:30 AM	25864	376	2.00	ND	ND	ND	ND	ND	ND	ND	5.3	175
08/17/18 11:00 AM	25612	376	1.99	ND	ND	ND	ND	ND	ND	ND	6.3	137
08/17/18 11:30 AM	26126	378	2.00	ND	ND	ND	ND	ND	ND	ND	6.7	127
08/17/18 12:00 PM	25544	377	1.99	ND	ND	ND	ND	ND	ND	ND	7.4	118
08/17/18 12:30 PM	25530	377	1.98	ND	ND	ND	ND	ND	ND	ND	7.2	115
08/17/18 01:00 PM	25787	376	1.97	ND	ND	ND	ND	ND	ND	ND	7.5	115
08/17/18 01:30 PM	26161	376	1.99	ND	ND	ND	ND	ND	ND	ND	8.1	118
08/17/18 02:00 PM	26016	376	1.98	ND	ND	ND	ND	ND	ND	ND	8.6	120
08/17/18 02:30 PM	25922	373	1.98	ND	ND	ND	ND	ND	ND	ND	9.5	113
08/17/18 03:00 PM	26411	373	1.97	ND	ND	ND	ND	ND	ND	ND	9.4	120
08/17/18 03:30 PM	27012	372	1.98	ND	ND	ND	ND	ND	ND	ND	9.9	120
08/17/18 04:00 PM	26710	373	1.99	ND	ND	ND	ND	ND	ND	ND	9.4	118
08/17/18 04:30 PM	26477	374	1.98	ND	ND	ND	ND	ND	ND	ND	9.8	122
08/17/18 05:00 PM	26173	375	1.98	ND	ND	ND	ND	ND	ND	ND	10.1	116
08/17/18 05:30 PM	26731	376	1.98	ND	ND	ND	ND	ND	ND	ND	10.0	117
08/17/18 06:00 PM	27064	375	1.98	ND	ND	ND	ND	ND	ND	ND	9.3	123
08/17/18 06:30 PM	25756	377	1.98	ND	ND	ND	ND	ND	ND	ND	7.7	133
08/17/18 07:00 PM	25886	376	1.98	ND	ND	ND	ND	ND	ND	ND	8.3	137
08/17/18 07:30 PM	26525	375	1.99	ND	ND	ND	ND	ND	ND	ND	8.4	135
08/17/18 08:00 PM	26848	375	2.00	ND	ND	ND	ND	ND	ND	ND	7.4	133
08/17/18 08:30 PM	27411	377	2.00	ND	ND	ND	ND	ND	ND	ND	6.5	138
08/17/18 09:00 PM	27697	375	2.01	ND	ND	ND	ND	ND	ND	ND	6.4	139
08/17/18 09:30 PM	28101	375	2.00	ND	ND	ND	ND	ND	ND	ND	5.9	136
08/17/18 10:00 PM	27795	377	2.00	ND	ND	ND	ND	ND	ND	ND	5.7	135
08/17/18 10:30 PM	27955	377	2.02	ND	ND	ND	ND	ND	ND	ND	4.7	139
08/17/18 11:00 PM	28141	377	2.03	ND	ND	ND	ND	ND	ND	ND	4.5	136
08/17/18 11:30 PM	28596	377	2.04	ND	ND	ND	ND	ND	ND	ND	4.6	138
08/18/18 12:00 AM	28670	374	2.02	ND	ND	ND	ND	ND	ND	ND	5.4	135

Daily Processed Summary (Average, Maximum)

Average	27660	377	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	135
Maximum Value	29349	381	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/18/18 12:30 AM	28823	372	2.01	ND	ND	ND	ND	ND	ND	ND	5.5	137
08/18/18 01:00 AM	28789	372	2.01	ND	ND	ND	ND	ND	ND	ND	5.3	137
08/18/18 01:30 AM	29090	373	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	139
08/18/18 02:00 AM	29293	374	2.02	ND	ND	ND	ND	ND	ND	ND	4.4	144
08/18/18 02:30 AM	29344	376	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	158
08/18/18 03:00 AM	29011	378	2.06	ND	ND	ND	ND	ND	ND	ND	4.6	164
08/18/18 03:30 AM	28951	376	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	163
08/18/18 04:00 AM	29176	374	2.06	ND	ND	ND	ND	ND	ND	ND	3.9	170
08/18/18 04:30 AM	29256	376	2.04	ND	ND	ND	ND	ND	ND	ND	3.4	173
08/18/18 05:00 AM	29273	376	2.05	ND	ND	ND	ND	ND	ND	ND	4.0	168
08/18/18 05:30 AM	29288	376	2.08	ND	ND	ND	ND	ND	ND	ND	3.8	167
08/18/18 06:00 AM	28920	375	2.05	ND	ND	ND	ND	ND	ND	ND	3.8	174
08/18/18 06:30 AM	29134	374	2.03	ND	ND	ND	ND	ND	ND	ND	3.0	185
08/18/18 07:00 AM	29316	378	2.03	ND	ND	ND	ND	ND	ND	ND	2.5	204
08/18/18 07:30 AM	29255	381	2.04	ND	ND	ND	ND	ND	ND	ND	2.0	197
08/18/18 08:00 AM	29502	376	2.04	ND	ND	ND	ND	ND	ND	ND	3.1	205
08/18/18 08:30 AM	29633	375	2.05	ND	ND	ND	ND	ND	ND	ND	3.2	221
08/18/18 09:00 AM	29725	377	2.08	ND	ND	ND	ND	ND	ND	ND	3.4	237
08/18/18 09:30 AM	29188	377	2.05	ND	ND	ND	ND	ND	ND	ND	3.9	243
08/18/18 10:00 AM	28459	375	2.03	ND	ND	ND	ND	ND	ND	ND	3.9	191
08/18/18 10:30 AM	28062	376	2.01	ND	ND	ND	ND	ND	ND	ND	3.8	228
08/18/18 11:00 AM	27289	374	2.00	ND	ND	ND	ND	ND	ND	ND	3.9	204
08/18/18 11:30 AM	26466	375	1.99	ND	ND	ND	ND	ND	ND	ND	4.2	189
08/18/18 12:00 PM	25834	375	1.99	ND	ND	ND	ND	ND	ND	ND	4.8	178
08/18/18 12:30 PM	25548	376	1.98	ND	ND	ND	ND	ND	ND	ND	5.5	160
08/18/18 01:00 PM	24797	374	1.97	ND	ND	ND	ND	ND	ND	ND	6.2	167
08/18/18 01:30 PM	24037	377	1.97	ND	ND	ND	ND	ND	ND	ND	6.1	160
08/18/18 02:00 PM	22993	376	1.96	ND	ND	ND	ND	ND	ND	ND	6.5	178
08/18/18 02:30 PM	22273	375	1.95	ND	ND	ND	ND	ND	ND	ND	6.8	175
08/18/18 03:00 PM	22549	374	1.95	ND	ND	ND	ND	ND	ND	ND	7.1	160
08/18/18 03:30 PM	24857	372	1.97	ND	ND	ND	ND	ND	ND	ND	8.1	151
08/18/18 04:00 PM	25339	375	1.97	ND	ND	ND	ND	ND	ND	ND	9.1	138
08/18/18 04:30 PM	25232	375	1.96	ND	ND	ND	ND	ND	ND	ND	9.7	139
08/18/18 05:00 PM	25495	375	1.97	ND	ND	ND	ND	ND	ND	ND	9.1	133
08/18/18 05:30 PM	26025	375	1.98	ND	ND	ND	ND	ND	ND	ND	9.0	140
08/18/18 06:00 PM	26596	374	1.98	ND	ND	ND	ND	ND	ND	ND	9.6	136
08/18/18 06:30 PM	27666	376	1.99	ND	ND	ND	ND	ND	ND	ND	8.2	141
08/18/18 07:00 PM	27309	378	2.01	ND	ND	ND	ND	ND	ND	ND	8.1	140
08/18/18 07:30 PM	26669	377	2.00	ND	ND	ND	ND	ND	ND	ND	7.9	135
08/18/18 08:00 PM	27207	375	2.01	ND	ND	ND	ND	ND	ND	ND	7.6	136
08/18/18 08:30 PM	28401	369	2.01	ND	ND	ND	ND	ND	ND	ND	6.9	137
08/18/18 09:00 PM	28378	369	2.00	ND	ND	ND	ND	ND	ND	ND	7.5	141
08/18/18 09:30 PM	28730	369	2.01	ND	ND	ND	ND	ND	ND	ND	6.9	141
08/18/18 10:00 PM	28956	367	2.02	ND	ND	ND	ND	ND	ND	ND	7.9	144
08/18/18 10:30 PM	28849	365	2.01	ND	ND	ND	ND	ND	ND	ND	7.0	137
08/18/18 11:00 PM	28694	366	2.02	ND	ND	ND	ND	ND	ND	ND	5.9	141
08/18/18 11:30 PM	28702	370	2.02	ND	ND	ND	ND	ND	ND	ND	5.8	138
08/19/18 12:00 AM	28893	371	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	142

## Daily Processed Summary (Average, Maximum)

Average	27610	374	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	155
Maximum Value	29725	381	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/19/18 12:30 AM	29441	374	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	157
08/19/18 01:00 AM	29345	372	2.04	ND	ND	ND	ND	ND	ND	ND	5.1	164
08/19/18 01:30 AM	29337	372	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	164
08/19/18 02:00 AM	29476	372	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	162
08/19/18 02:30 AM	29554	372	2.07	ND	ND	ND	ND	ND	ND	ND	5.3	162
08/19/18 03:00 AM	29398	371	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	161
08/19/18 03:30 AM	29405	370	2.06	ND	ND	ND	ND	ND	ND	ND	5.9	161
08/19/18 04:00 AM	29569	374	2.06	ND	ND	ND	ND	ND	ND	ND	6.0	164
08/19/18 04:30 AM	29461	372	2.07	ND	ND	ND	ND	ND	ND	ND	6.0	166
08/19/18 05:00 AM	29106	372	2.07	ND	ND	ND	ND	ND	ND	ND	5.3	166
08/19/18 05:30 AM	28783	374	2.09	ND	ND	ND	ND	ND	ND	ND	5.6	165
08/19/18 06:00 AM	28540	374	2.08	ND	ND	ND	ND	ND	ND	ND	5.7	160
08/19/18 06:30 AM	28725	373	2.06	ND	ND	ND	ND	ND	ND	ND	4.6	166
08/19/18 07:00 AM	28771	374	2.08	ND	ND	ND	ND	ND	ND	ND	5.0	166
08/19/18 07:30 AM	28494	375	2.03	ND	ND	ND	ND	ND	ND	ND	4.7	173
08/19/18 08:00 AM	28647	374	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	174
08/19/18 08:30 AM	28783	374	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	178
08/19/18 09:00 AM	29015	373	2.02	ND	ND	ND	ND	ND	ND	ND	5.5	177
08/19/18 09:30 AM	28187	371	2.01	ND	ND	ND	ND	ND	ND	ND	6.7	172
08/19/18 10:00 AM	27171	372	2.00	ND	ND	ND	ND	ND	ND	ND	7.9	173
08/19/18 10:30 AM	26915	375	1.99	ND	ND	ND	ND	ND	ND	ND	8.7	180
08/19/18 11:00 AM	26537	374	1.98	ND	ND	ND	ND	ND	ND	ND	8.2	181
08/19/18 11:30 AM	26161	375	1.98	ND	ND	ND	ND	ND	ND	ND	8.3	179
08/19/18 12:00 PM	25676	375	1.98	ND	ND	ND	ND	ND	ND	ND	9.1	174
08/19/18 12:30 PM	26032	374	1.99	ND	ND	ND	ND	ND	ND	ND	9.6	175
08/19/18 01:00 PM	26159	375	2.00	ND	ND	ND	ND	ND	ND	ND	9.7	168
08/19/18 01:30 PM	26059	375	1.98	ND	ND	ND	ND	ND	ND	ND	9.4	176
08/19/18 02:00 PM	25412	375	1.97	ND	ND	ND	ND	ND	ND	ND	7.8	174
08/19/18 02:30 PM	25119	375	1.97	ND	ND	ND	ND	ND	ND	ND	9.2	173
08/19/18 03:00 PM	25015	375	1.97	ND	ND	ND	ND	ND	ND	ND	8.8	175
08/19/18 03:30 PM	24895	376	1.97	ND	ND	ND	ND	ND	ND	ND	8.9	157
08/19/18 04:00 PM	25325	372	2.01	ND	ND	ND	ND	ND	ND	ND	9.9	142
08/19/18 04:30 PM	26548	369	2.08	ND	ND	ND	ND	ND	ND	ND	9.4	152
08/19/18 05:00 PM	25075	373	2.07	ND	ND	ND	ND	ND	ND	ND	9.4	143
08/19/18 05:30 PM	25719	372	2.09	ND	ND	ND	ND	ND	ND	ND	10.5	139
08/19/18 06:00 PM	26782	372	2.03	ND	ND	ND	ND	ND	ND	ND	10.0	136
08/19/18 06:30 PM	27627	371	1.98	ND	ND	ND	ND	ND	ND	ND	10.1	138
08/19/18 07:00 PM	27402	371	2.03	ND	ND	ND	ND	ND	ND	ND	10.4	136
08/19/18 07:30 PM	27740	370	2.01	ND	ND	ND	ND	ND	ND	ND	8.9	146
08/19/18 08:00 PM	27427	373	2.07	ND	ND	ND	ND	ND	ND	ND	9.3	141
08/19/18 08:30 PM	27195	371	2.20	ND	ND	ND	ND	ND	ND	ND	8.4	139
08/19/18 09:00 PM	27552	370	2.02	ND	ND	ND	ND	ND	ND	ND	9.2	135
08/19/18 09:30 PM	28462	368	1.97	ND	ND	ND	ND	ND	ND	ND	9.7	134
08/19/18 10:00 PM	28596	365	1.97	ND	ND	ND	ND	ND	ND	ND	9.1	138
08/19/18 10:30 PM	28748	365	1.96	ND	ND	ND	ND	ND	ND	ND	10.2	136
08/19/18 11:00 PM	28507	366	1.97	ND	ND	ND	ND	ND	ND	ND	7.7	138
08/19/18 11:30 PM	28487	369	2.00	ND	ND	ND	ND	ND	ND	ND	8.1	140
08/20/18 12:00 AM	28688	368	2.02	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	27689	372	2.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.4	158
Maximum Value	29569	376	2.20	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/20/18 12:30 AM	28683	368	2.16	ND	ND	ND	ND	ND	ND	ND	7.2	143
08/20/18 01:00 AM	28727	371	2.47	ND	ND	ND	ND	ND	ND	ND	6.3	147
08/20/18 01:30 AM	28811	373	2.02	ND	ND	ND	ND	ND	ND	ND	5.8	160
08/20/18 02:00 AM	28789	374	2.04	ND	ND	ND	ND	ND	ND	ND	5.2	160
08/20/18 02:30 AM	28849	372	2.03	ND	ND	ND	ND	ND	ND	ND	5.1	164
08/20/18 03:00 AM	29197	374	2.03	ND	ND	ND	ND	ND	ND	ND	5.1	163
08/20/18 03:30 AM	29309	373	2.04	ND	ND	ND	ND	ND	ND	ND	5.0	165
08/20/18 04:00 AM	29487	373	2.04	ND	ND	ND	ND	ND	ND	ND	5.0	165
08/20/18 04:30 AM	29274	373	2.05	ND	ND	ND	ND	ND	ND	ND	5.8	160
08/20/18 05:00 AM	29235	374	2.06	ND	ND	ND	ND	ND	ND	ND	5.7	158
08/20/18 05:30 AM	29566	374	2.08	ND	ND	ND	ND	ND	ND	ND	4.4	150
08/20/18 06:00 AM	29637	375	2.07	ND	ND	ND	ND	ND	ND	ND	4.0	160
08/20/18 06:30 AM	29443	372	2.06	ND	ND	ND	ND	ND	ND	ND	5.1	161
08/20/18 07:00 AM	29652	377	2.08	ND	ND	ND	ND	ND	ND	ND	3.6	170
08/20/18 07:30 AM	30130	377	2.04	ND	ND	ND	ND	ND	ND	ND	2.5	199
08/20/18 08:00 AM	29982	373	2.04	ND	ND	ND	ND	ND	ND	ND	3.4	215
08/20/18 08:30 AM	29560	378	2.04	ND	ND	ND	ND	ND	ND	ND	2.9	205
08/20/18 09:00 AM	29348	376	2.03	ND	ND	ND	ND	ND	ND	ND	4.2	201
08/20/18 09:30 AM	29207	375	2.03	ND	ND	ND	ND	ND	ND	ND	5.1	188
08/20/18 10:00 AM	28777	375	2.02	ND	ND	ND	ND	ND	ND	ND	6.3	182
08/20/18 10:30 AM	26875	376	2.01	ND	ND	ND	ND	ND	ND	ND	7.8	180
08/20/18 11:00 AM	25694	374	2.00	ND	ND	ND	ND	ND	ND	ND	7.7	181
08/20/18 11:30 AM	25053	376	2.00	ND	ND	ND	ND	ND	ND	ND	6.9	181
08/20/18 12:00 PM	24456	355	1.94	ND	ND	ND	ND	ND	ND	ND	6.6	183
08/20/18 12:30 PM	24304	369	1.97	ND	ND	ND	ND	ND	ND	ND	7.0	187
08/20/18 01:00 PM	23597	334	1.89	ND	ND	ND	ND	ND	ND	ND	7.1	168
08/20/18 01:30 PM	22785	323	1.85	ND	ND	ND	ND	ND	ND	ND	8.1	168
08/20/18 02:00 PM	25395	378	1.99	ND	ND	ND	ND	ND	ND	ND	7.7	177
08/20/18 02:30 PM	25052	376	1.98	ND	ND	ND	ND	ND	ND	ND	7.4	158
08/20/18 03:00 PM	24683	376	1.97	ND	ND	ND	ND	ND	ND	ND	8.8	171
08/20/18 03:30 PM	25849	376	1.98	ND	ND	ND	ND	ND	ND	ND	8.1	159
08/20/18 04:00 PM	25539	375	1.98	ND	ND	ND	ND	ND	ND	ND	7.5	157
08/20/18 04:30 PM	24819	375	1.99	ND	ND	ND	ND	ND	ND	ND	7.8	155
08/20/18 05:00 PM	25000	373	1.97	ND	ND	ND	ND	ND	ND	ND	8.7	153
08/20/18 05:30 PM	25219	373	1.98	ND	ND	ND	ND	ND	ND	ND	8.4	152
08/20/18 06:00 PM	26547	373	1.99	ND	ND	ND	ND	ND	ND	ND	7.9	138
08/20/18 06:30 PM	26723	372	1.99	ND	ND	ND	ND	ND	ND	ND	8.1	138
08/20/18 07:00 PM	26242	373	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	147
08/20/18 07:30 PM	26901	373	2.00	ND	ND	ND	ND	ND	ND	ND	7.4	149
08/20/18 08:00 PM	27964	373	2.01	ND	ND	ND	ND	ND	ND	ND	6.4	144
08/20/18 08:30 PM	27981	374	2.03	ND	ND	ND	ND	ND	ND	ND	6.2	145
08/20/18 09:00 PM	28146	373	2.01	ND	ND	ND	ND	ND	ND	ND	7.0	142
08/20/18 09:30 PM	28567	372	2.01	ND	ND	ND	ND	ND	ND	ND	6.2	143
08/20/18 10:00 PM	28810	373	2.02	ND	ND	ND	ND	ND	ND	ND	5.6	142
08/20/18 10:30 PM	28896	370	2.02	ND	ND	ND	ND	ND	ND	ND	6.4	137
08/20/18 11:00 PM	28944	368	2.01	ND	ND	ND	ND	ND	ND	ND	7.3	141
08/20/18 11:30 PM	29340	369	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	139
08/21/18 12:00 AM	29730	368	2.02	ND	ND	ND	ND	ND	ND	ND	5.9	139

Daily Processed Summary (Average, Maximum)

Average	27599	371	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	160
Maximum Value	30130	378	2.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/21/18 12:30 AM	29872	365	2.01	ND	ND	ND	ND	ND	ND	ND	5.8	138
08/21/18 01:00 AM	30071	367	2.01	ND	ND	ND	ND	ND	ND	ND	5.8	140
08/21/18 01:30 AM	29866	370	2.02	ND	ND	ND	ND	ND	ND	ND	6.0	147
08/21/18 02:00 AM	29919	374	2.03	ND	ND	ND	ND	ND	ND	ND	5.3	154
08/21/18 02:30 AM	29955	374	2.04	ND	ND	ND	ND	ND	ND	ND	5.0	157
08/21/18 03:00 AM	29942	375	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	153
08/21/18 03:30 AM	30224	376	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	166
08/21/18 04:00 AM	30248	372	2.06	ND	ND	ND	ND	ND	ND	ND	5.4	161
08/21/18 04:30 AM	30236	374	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	165
08/21/18 05:00 AM	30373	373	2.06	ND	ND	ND	ND	ND	ND	ND	5.6	171
08/21/18 05:30 AM	30142	375	2.03	ND	ND	ND	ND	ND	ND	ND	5.1	178
08/21/18 06:00 AM	29896	373	2.03	ND	ND	ND	ND	ND	ND	ND	5.1	174
08/21/18 06:30 AM	29948	377	2.05	ND	ND	ND	ND	ND	ND	ND	4.2	179
08/21/18 07:00 AM	30140	378	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	177
08/21/18 07:30 AM	30245	376	2.04	ND	ND	ND	ND	ND	ND	ND	2.4	194
08/21/18 08:00 AM	30178	372	2.05	ND	ND	ND	ND	ND	ND	ND	2.5	206
08/21/18 08:30 AM	30164	373	2.05	ND	ND	ND	ND	ND	ND	ND	2.9	199
08/21/18 09:00 AM	30281	377	2.04	ND	ND	ND	ND	ND	ND	ND	3.4	230
08/21/18 09:30 AM	30074	377	2.04	ND	ND	ND	ND	ND	ND	ND	3.3	243
08/21/18 10:00 AM	28088	378	2.02	ND	ND	ND	ND	ND	ND	ND	4.4	203
08/21/18 10:30 AM	25993	379	2.02	ND	ND	ND	ND	ND	ND	ND	6.0	195
08/21/18 11:00 AM	25318	379	2.01	ND	ND	ND	ND	ND	ND	ND	5.7	187
08/21/18 11:30 AM	25792	377	2.00	ND	ND	ND	ND	ND	ND	ND	5.0	186
08/21/18 12:00 PM	25625	377	2.00	ND	ND	ND	ND	ND	ND	ND	5.5	163
08/21/18 12:30 PM	24233	377	2.00	ND	ND	ND	ND	ND	ND	ND	5.4	166
08/21/18 01:00 PM	24034	377	1.98	ND	ND	ND	ND	ND	ND	ND	5.5	155
08/21/18 01:30 PM	23171	377	1.99	ND	ND	ND	ND	ND	ND	ND	5.0	162
08/21/18 02:00 PM	22958	376	1.99	ND	ND	ND	ND	ND	ND	ND	5.4	166
08/21/18 02:30 PM	23055	378	1.99	ND	ND	ND	ND	ND	ND	ND	7.5	125
08/21/18 03:00 PM	24118	377	2.00	ND	ND	ND	ND	ND	ND	ND	9.1	115
08/21/18 03:30 PM	25136	375	2.00	ND	ND	ND	ND	ND	ND	ND	9.5	124
08/21/18 04:00 PM	24704	375	1.99	ND	ND	ND	ND	ND	ND	ND	9.4	137
08/21/18 04:30 PM	24790	374	2.00	ND	ND	ND	ND	ND	ND	ND	9.9	128
08/21/18 05:00 PM	25150	375	2.00	ND	ND	ND	ND	ND	ND	ND	9.9	138
08/21/18 05:30 PM	25780	376	2.00	ND	ND	ND	ND	ND	ND	ND	9.7	144
08/21/18 06:00 PM	25744	379	2.01	ND	ND	ND	ND	ND	ND	ND	8.7	147
08/21/18 06:30 PM	25654	375	2.01	ND	ND	ND	ND	ND	ND	ND	8.7	144
08/21/18 07:00 PM	26577	375	2.00	ND	ND	ND	ND	ND	ND	ND	8.9	141
08/21/18 07:30 PM	27251	375	2.01	ND	ND	ND	ND	ND	ND	ND	7.9	144
08/21/18 08:00 PM	27797	376	2.03	ND	ND	ND	ND	ND	ND	ND	7.0	152
08/21/18 08:30 PM	28690	377	2.04	ND	ND	ND	ND	ND	ND	ND	5.8	153
08/21/18 09:00 PM	29420	375	2.03	ND	ND	ND	ND	ND	ND	ND	6.2	156
08/21/18 09:30 PM	27700	373	2.06	ND	ND	ND	ND	ND	ND	ND	6.7	158
08/21/18 10:00 PM	28518	371	2.07	ND	ND	ND	ND	ND	ND	ND	6.2	155
08/21/18 10:30 PM	28149	367	2.05	ND	ND	ND	ND	ND	ND	ND	5.2	162
08/21/18 11:00 PM	27573	375	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	154
08/21/18 11:30 PM	28315	375	2.03	ND	ND	ND	ND	ND	ND	ND	5.0	141
08/22/18 12:00 AM	29261	375	2.06	ND	ND	ND	ND	ND	ND	ND	4.8	157

Daily Processed Summary (Average, Maximum)

Average	27716	375	2.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.4	155
Maximum Value	30373	379	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/22/18 12:30 AM	29631	374	2.07	ND	ND	ND	ND	ND	ND	ND	4.8	162
08/22/18 01:00 AM	29599	373	2.08	ND	ND	ND	ND	ND	ND	ND	4.5	163
08/22/18 01:30 AM	29746	374	2.10	ND	ND	ND	ND	ND	ND	ND	4.2	165
08/22/18 02:00 AM	29915	374	2.13	ND	ND	ND	ND	ND	ND	ND	4.8	162
08/22/18 02:30 AM	29580	373	2.13	ND	ND	ND	ND	ND	ND	ND	5.2	163
08/22/18 03:00 AM	29458	372	2.12	ND	ND	ND	ND	ND	ND	ND	4.3	165
08/22/18 03:30 AM	29503	374	2.10	ND	ND	ND	ND	ND	ND	ND	4.2	155
08/22/18 04:00 AM	29520	376	2.05	ND	ND	ND	ND	ND	ND	ND	2.2	101
08/22/18 04:30 AM	29827	376	2.22	ND	ND	ND	ND	ND	ND	ND	2.5	164
08/22/18 05:00 AM	30091	379	2.11	ND	ND	ND	ND	ND	ND	ND	1.5	133
08/22/18 05:30 AM	30375	378	2.05	ND	ND	ND	ND	ND	ND	ND	3.0	190
08/22/18 06:00 AM	30321	378	2.05	ND	ND	ND	ND	ND	ND	ND	2.8	206
08/22/18 06:30 AM	29933	379	2.06	ND	ND	ND	ND	ND	ND	ND	1.8	241
08/22/18 07:00 AM	30009	381	2.08	ND	ND	ND	ND	ND	ND	ND	1.9	284
08/22/18 07:30 AM	30175	378	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	218
08/22/18 08:00 AM	30381	377	2.06	ND	ND	ND	ND	ND	ND	ND	3.4	231
08/22/18 08:30 AM	30529	377	2.06	ND	ND	ND	ND	ND	ND	ND	3.9	251
08/22/18 09:00 AM	30384	381	2.09	ND	ND	ND	ND	ND	ND	ND	3.7	270
08/22/18 09:30 AM	30044	378	2.10	ND	ND	ND	ND	ND	ND	ND	3.6	266
08/22/18 10:00 AM	29903	379	2.09	ND	ND	ND	ND	ND	ND	ND	4.3	248
08/22/18 10:30 AM	28143	378	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	230
08/22/18 11:00 AM	27753	380	2.03	ND	ND	ND	ND	ND	ND	ND	4.2	236
08/22/18 11:30 AM	27023	380	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	284
08/22/18 12:00 PM	26450	379	2.01	ND	ND	ND	ND	ND	ND	ND	3.6	297
08/22/18 12:30 PM	25490	381	2.01	ND	ND	ND	ND	ND	ND	ND	3.5	288
08/22/18 01:00 PM	24378	382	2.00	ND	ND	ND	ND	ND	ND	ND	3.4	281
08/22/18 01:30 PM	22475	381	2.00	ND	ND	ND	ND	ND	ND	ND	2.8	282
08/22/18 02:00 PM	22676	378	1.99	ND	ND	ND	ND	ND	ND	ND	3.1	287
08/22/18 02:30 PM	21270	380	1.98	ND	ND	ND	ND	ND	ND	ND	3.4	239
08/22/18 03:00 PM	22538	380	1.98	ND	ND	ND	ND	ND	ND	ND	5.2	185
08/22/18 03:30 PM	26371	382	1.98	ND	ND	ND	ND	ND	ND	ND	8.5	122
08/22/18 04:00 PM	27144	379	1.98	ND	ND	ND	ND	ND	ND	ND	8.2	133
08/22/18 04:30 PM	27007	384	1.98	ND	ND	ND	ND	ND	ND	ND	8.4	122
08/22/18 05:00 PM	26447	378	1.99	ND	ND	ND	ND	ND	ND	ND	8.6	117
08/22/18 05:30 PM	26909	379	2.00	ND	ND	ND	ND	ND	ND	ND	8.7	119
08/22/18 06:00 PM	27581	378	2.00	ND	ND	ND	ND	ND	ND	ND	8.8	126
08/22/18 06:30 PM	26759	377	2.01	ND	ND	ND	ND	ND	ND	ND	8.4	129
08/22/18 07:00 PM	27115	377	2.01	ND	ND	ND	ND	ND	ND	ND	8.1	142
08/22/18 07:30 PM	27299	378	2.03	ND	ND	ND	ND	ND	ND	ND	7.4	154
08/22/18 08:00 PM	26111	381	2.04	ND	ND	ND	ND	ND	ND	ND	7.6	160
08/22/18 08:30 PM	27529	378	2.06	ND	ND	ND	ND	ND	ND	ND	6.3	161
08/22/18 09:00 PM	28297	376	2.09	ND	ND	ND	ND	ND	ND	ND	5.6	166
08/22/18 09:30 PM	28300	376	2.11	ND	ND	ND	ND	ND	ND	ND	5.9	165
08/22/18 10:00 PM	28474	375	2.10	ND	ND	ND	ND	ND	ND	ND	5.3	165
08/22/18 10:30 PM	28466	374	2.10	ND	ND	ND	ND	ND	ND	ND	4.6	167
08/22/18 11:00 PM	28624	373	2.12	ND	ND	ND	ND	ND	ND	ND	4.8	166
08/22/18 11:30 PM	28588	375	2.07	ND	ND	ND	ND	ND	ND	ND	3.5	151
08/23/18 12:00 AM	28729	377	2.05	ND	ND	ND	ND	ND	ND	ND	3.5	157

Daily Processed Summary (Average, Maximum)

Average	27976	378	2.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1	168
Maximum Value	30529	384	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/23/18 12:30 AM	28868	378	2.09	ND	ND	ND	ND	ND	ND	ND	3.4	161
08/23/18 01:00 AM	29128	378	2.04	ND	ND	ND	ND	ND	ND	ND	3.0	147
08/23/18 01:30 AM	29218	375	2.03	ND	ND	ND	ND	ND	ND	ND	3.4	128
08/23/18 02:00 AM	29345	373	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	159
08/23/18 02:30 AM	29592	372	2.17	ND	ND	ND	ND	ND	ND	ND	3.4	167
08/23/18 03:00 AM	29647	373	2.15	ND	ND	ND	ND	ND	ND	ND	3.5	168
08/23/18 03:30 AM	29801	376	2.13	ND	ND	ND	ND	ND	ND	ND	2.6	172
08/23/18 04:00 AM	29663	374	2.02	ND	ND	ND	ND	ND	ND	ND	2.8	182
08/23/18 04:30 AM	29681	373	2.03	ND	ND	ND	ND	ND	ND	ND	3.1	186
08/23/18 05:00 AM	29872	373	2.05	ND	ND	ND	ND	ND	ND	ND	3.1	210
08/23/18 05:30 AM	29781	374	2.06	ND	ND	ND	ND	ND	ND	ND	1.6	222
08/23/18 06:00 AM	29694	374	2.05	ND	ND	ND	ND	ND	ND	ND	1.2	184
08/23/18 06:30 AM	29787	378	2.06	ND	ND	ND	ND	ND	ND	ND	0.7	153
08/23/18 07:00 AM	29919	380	2.07	ND	ND	ND	ND	ND	ND	ND	0.8	181
08/23/18 07:30 AM	29892	378	2.10	ND	ND	ND	ND	ND	ND	ND	1.1	260
08/23/18 08:00 AM	29702	381	2.16	ND	ND	ND	ND	ND	ND	ND	1.3	301
08/23/18 08:30 AM	30031	378	2.27	ND	ND	ND	ND	ND	ND	ND	2.2	296
08/23/18 09:00 AM	30271	376	2.09	ND	ND	ND	ND	ND	ND	ND	2.8	269
08/23/18 09:30 AM	29920	374	2.04	ND	ND	ND	ND	ND	ND	ND	2.7	254
08/23/18 10:00 AM	29583	374	2.04	ND	ND	ND	ND	ND	ND	ND	2.6	256
08/23/18 10:30 AM	29185	374	2.05	ND	ND	ND	ND	ND	ND	ND	3.0	253
08/23/18 11:00 AM	28424	375	2.04	ND	ND	ND	ND	ND	ND	ND	3.4	248
08/23/18 11:30 AM	27450	375	2.03	ND	ND	ND	ND	ND	ND	ND	3.0	189
08/23/18 12:00 PM	25685	376	2.03	ND	ND	ND	ND	ND	ND	ND	3.8	190
08/23/18 12:30 PM	24432	375	2.01	ND	ND	ND	ND	ND	ND	ND	4.4	169
08/23/18 01:00 PM	24428	377	2.01	ND	ND	ND	ND	ND	ND	ND	4.0	184
08/23/18 01:30 PM	25130	375	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	143
08/23/18 02:00 PM	24965	376	1.99	ND	ND	ND	ND	ND	ND	ND	6.7	140
08/23/18 02:30 PM	25238	376	2.00	ND	ND	ND	ND	ND	ND	ND	7.8	126
08/23/18 03:00 PM	23947	377	2.00	ND	ND	ND	ND	ND	ND	ND	8.3	121
08/23/18 03:30 PM	22970	375	2.00	ND	ND	ND	ND	ND	ND	ND	9.2	122
08/23/18 04:00 PM	20747	380	2.03	ND	ND	ND	ND	ND	ND	ND	8.3	122
08/23/18 04:30 PM	21718	380	2.01	ND	ND	ND	ND	ND	ND	ND	7.9	136
08/23/18 05:00 PM	22897	379	1.99	ND	ND	ND	ND	ND	ND	ND	9.5	115
08/23/18 05:30 PM	23210	375	1.98	ND	ND	ND	ND	ND	ND	ND	9.3	118
08/23/18 06:00 PM	24048	377	1.97	ND	ND	ND	ND	ND	ND	ND	8.8	118
08/23/18 06:30 PM	24310	376	1.98	ND	ND	ND	ND	ND	ND	ND	7.6	120
08/23/18 07:00 PM	24964	376	1.97	ND	ND	ND	ND	ND	ND	ND	8.2	114
08/23/18 07:30 PM	26094	374	1.98	ND	ND	ND	ND	ND	ND	ND	7.4	117
08/23/18 08:00 PM	26899	375	2.00	ND	ND	ND	ND	ND	ND	ND	6.5	121
08/23/18 08:30 PM	27609	373	2.00	ND	ND	ND	ND	ND	ND	ND	6.3	126
08/23/18 09:00 PM	28452	370	2.00	ND	ND	ND	ND	ND	ND	ND	6.8	117
08/23/18 09:30 PM	28228	368	2.00	ND	ND	ND	ND	ND	ND	ND	7.5	115
08/23/18 10:00 PM	28323	365	2.01	ND	ND	ND	ND	ND	ND	ND	7.6	115
08/23/18 10:30 PM	28076	366	1.99	ND	ND	ND	ND	ND	ND	ND	7.4	116
08/23/18 11:00 PM	27637	368	2.01	ND	ND	ND	ND	ND	ND	ND	6.5	117
08/23/18 11:30 PM	27222	370	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	114
08/24/18 12:00 AM	27481	367	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	114

Daily Processed Summary (Average, Maximum)

Average	27358	375	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	136
Maximum Value	30271	381	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/24/18 12:30 AM	27697	368	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	118
08/24/18 01:00 AM	27934	372	2.06	ND	ND	ND	ND	ND	ND	ND	4.6	130
08/24/18 01:30 AM	27683	370	2.05	ND	ND	ND	ND	ND	ND	ND	5.3	135
08/24/18 02:00 AM	27215	373	2.07	ND	ND	ND	ND	ND	ND	ND	5.8	137
08/24/18 02:30 AM	27655	371	2.07	ND	ND	ND	ND	ND	ND	ND	5.8	136
08/24/18 03:00 AM	28103	371	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	136
08/24/18 03:30 AM	28240	369	2.07	ND	ND	ND	ND	ND	ND	ND	5.0	137
08/24/18 04:00 AM	28537	368	2.07	ND	ND	ND	ND	ND	ND	ND	4.4	143
08/24/18 04:30 AM	28288	370	2.07	ND	ND	ND	ND	ND	ND	ND	4.1	143
08/24/18 05:00 AM	28039	372	2.07	ND	ND	ND	ND	ND	ND	ND	3.0	150
08/24/18 05:30 AM	28068	371	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	142
08/24/18 06:00 AM	28045	371	2.06	ND	ND	ND	ND	ND	ND	ND	2.7	146
08/24/18 06:30 AM	27949	373	2.09	ND	ND	ND	ND	ND	ND	ND	2.4	147
08/24/18 07:00 AM	28244	373	2.19	ND	ND	ND	ND	ND	ND	ND	2.6	165
08/24/18 07:30 AM	28656	374	2.14	ND	ND	ND	ND	ND	ND	ND	1.9	169
08/24/18 08:00 AM	28504	373	2.03	ND	ND	ND	ND	ND	ND	ND	2.3	172
08/24/18 08:30 AM	28000	371	2.02	ND	ND	ND	ND	ND	ND	ND	3.2	177
08/24/18 09:00 AM	27423	371	2.01	ND	ND	ND	ND	ND	ND	ND	4.3	172
08/24/18 09:30 AM	27667	372	2.02	ND	ND	ND	ND	ND	ND	ND	4.4	179
08/24/18 10:00 AM	27839	374	2.01	ND	ND	ND	ND	ND	ND	ND	3.9	180
08/24/18 10:30 AM	28246	374	2.02	ND	ND	ND	ND	ND	ND	ND	3.6	247
08/24/18 11:00 AM	26317	373	2.00	ND	ND	ND	ND	ND	ND	ND	4.5	184
08/24/18 11:30 AM	25695	372	1.99	ND	ND	ND	ND	ND	ND	ND	4.7	180
08/24/18 12:00 PM	24369	358	1.95	ND	ND	ND	ND	ND	ND	ND	5.1	187
08/24/18 12:30 PM	22602	321	1.85	ND	ND	ND	ND	ND	ND	ND	3.9	182
08/24/18 01:00 PM	23907	346	1.90	ND	ND	ND	ND	ND	ND	ND	5.9	123
08/24/18 01:30 PM	25400	372	1.98	ND	ND	ND	ND	ND	ND	ND	6.2	111
08/24/18 02:00 PM	25552	370	1.97	ND	ND	ND	ND	ND	ND	ND	6.9	116
08/24/18 02:30 PM	24997	372	1.97	ND	ND	ND	ND	ND	ND	ND	8.0	122
08/24/18 03:00 PM	22831	375	1.97	ND	ND	ND	ND	ND	ND	ND	8.9	122
08/24/18 03:30 PM	23104	375	1.95	ND	ND	ND	ND	ND	ND	ND	9.4	115
08/24/18 04:00 PM	23151	375	1.97	ND	ND	ND	ND	ND	ND	ND	9.6	123
08/24/18 04:30 PM	23475	376	1.96	ND	ND	ND	ND	ND	ND	ND	10.9	117
08/24/18 05:00 PM	23649	377	1.96	ND	ND	ND	ND	ND	ND	ND	9.7	128
08/24/18 05:30 PM	23689	378	1.97	ND	ND	ND	ND	ND	ND	ND	10.4	129
08/24/18 06:00 PM	23568	378	1.97	ND	ND	ND	ND	ND	ND	ND	8.3	125
08/24/18 06:30 PM	24901	374	1.96	ND	ND	ND	ND	ND	ND	ND	8.9	124
08/24/18 07:00 PM	26342	372	1.95	ND	ND	ND	ND	ND	ND	ND	9.3	118
08/24/18 07:30 PM	27230	374	1.98	ND	ND	ND	ND	ND	ND	ND	8.3	118
08/24/18 08:00 PM	27553	375	1.99	ND	ND	ND	ND	ND	ND	ND	7.5	129
08/24/18 08:30 PM	27804	373	2.00	ND	ND	ND	ND	ND	ND	ND	5.9	126
08/24/18 09:00 PM	28217	369	1.99	ND	ND	ND	ND	ND	ND	ND	7.1	116
08/24/18 09:30 PM	28175	368	1.99	ND	ND	ND	ND	ND	ND	ND	7.1	116
08/24/18 10:00 PM	27747	368	1.98	ND	ND	ND	ND	ND	ND	ND	7.8	117
08/24/18 10:30 PM	27413	371	1.98	ND	ND	ND	ND	ND	ND	ND	7.1	113
08/24/18 11:00 PM	27578	370	1.97	ND	ND	ND	ND	ND	ND	ND	6.8	113
08/24/18 11:30 PM	27198	369	1.97	ND	ND	ND	ND	ND	ND	ND	7.0	113
08/25/18 12:00 AM	26861	370	1.99	ND	ND	ND	ND	ND	ND	ND	7.4	115

Daily Processed Summary (Average, Maximum)

Average	26612	370	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	132
Maximum Value	28656	378	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/25/18 12:30 AM	27786	367	2.00	ND	ND	ND	ND	ND	ND	ND	8.7	118
08/25/18 01:00 AM	27800	366	2.03	ND	ND	ND	ND	ND	ND	ND	8.3	116
08/25/18 01:30 AM	27387	369	2.05	ND	ND	ND	ND	ND	ND	ND	7.3	119
08/25/18 02:00 AM	27072	370	2.07	ND	ND	ND	ND	ND	ND	ND	7.3	119
08/25/18 02:30 AM	27130	372	2.09	ND	ND	ND	ND	ND	ND	ND	6.6	122
08/25/18 03:00 AM	27259	374	2.11	ND	ND	ND	ND	ND	ND	ND	6.5	129
08/25/18 03:30 AM	27272	373	2.12	ND	ND	ND	ND	ND	ND	ND	6.1	136
08/25/18 04:00 AM	27351	372	2.11	ND	ND	ND	ND	ND	ND	ND	5.7	142
08/25/18 04:30 AM	27395	373	2.11	ND	ND	ND	ND	ND	ND	ND	4.6	136
08/25/18 05:00 AM	27844	376	2.13	ND	ND	ND	ND	ND	ND	ND	4.4	140
08/25/18 05:30 AM	28195	373	2.12	ND	ND	ND	ND	ND	ND	ND	4.2	145
08/25/18 06:00 AM	28265	373	2.12	ND	ND	ND	ND	ND	ND	ND	3.0	147
08/25/18 06:30 AM	28433	372	2.14	ND	ND	ND	ND	ND	ND	ND	3.6	138
08/25/18 07:00 AM	28630	372	2.13	ND	ND	ND	ND	ND	ND	ND	3.0	138
08/25/18 07:30 AM	28325	373	2.23	ND	ND	ND	ND	ND	ND	ND	2.0	155
08/25/18 08:00 AM	28480	373	2.26	ND	ND	ND	ND	ND	ND	ND	2.1	185
08/25/18 08:30 AM	28974	369	2.13	ND	ND	ND	ND	ND	ND	ND	2.3	185
08/25/18 09:00 AM	28711	369	2.12	ND	ND	ND	ND	ND	ND	ND	3.6	179
08/25/18 09:30 AM	27660	370	2.12	ND	ND	ND	ND	ND	ND	ND	4.6	175
08/25/18 10:00 AM	27268	373	2.12	ND	ND	ND	ND	ND	ND	ND	4.0	182
08/25/18 10:30 AM	26286	373	2.09	ND	ND	ND	ND	ND	ND	ND	3.9	209
08/25/18 11:00 AM	26260	373	2.08	ND	ND	ND	ND	ND	ND	ND	3.6	174
08/25/18 11:30 AM	25848	370	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	118
08/25/18 12:00 PM	25513	371	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	127
08/25/18 12:30 PM	25532	371	2.03	ND	ND	ND	ND	ND	ND	ND	5.4	145
08/25/18 01:00 PM	25324	369	2.02	ND	ND	ND	ND	ND	ND	ND	6.3	124
08/25/18 01:30 PM	25788	369	2.02	ND	ND	ND	ND	ND	ND	ND	7.7	128
08/25/18 02:00 PM	25505	370	2.02	ND	ND	ND	ND	ND	ND	ND	8.1	127
08/25/18 02:30 PM	24585	371	2.01	ND	ND	ND	ND	ND	ND	ND	9.1	128
08/25/18 03:00 PM	24298	373	2.00	ND	ND	ND	ND	ND	ND	ND	9.2	118
08/25/18 03:30 PM	23830	374	1.99	ND	ND	ND	ND	ND	ND	ND	10.2	116
08/25/18 04:00 PM	23448	374	1.98	ND	ND	ND	ND	ND	ND	ND	9.6	119
08/25/18 04:30 PM	23110	374	1.98	ND	ND	ND	ND	ND	ND	ND	9.6	121
08/25/18 05:00 PM	23525	372	1.99	ND	ND	ND	ND	ND	ND	ND	9.0	119
08/25/18 05:30 PM	23861	373	1.99	ND	ND	ND	ND	ND	ND	ND	9.9	118
08/25/18 06:00 PM	24670	372	2.01	ND	ND	ND	ND	ND	ND	ND	9.3	113
08/25/18 06:30 PM	25231	370	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	113
08/25/18 07:00 PM	25671	370	2.07	ND	ND	ND	ND	ND	ND	ND	7.8	106
08/25/18 07:30 PM	27702	368	2.11	ND	ND	ND	ND	ND	ND	ND	7.5	107
08/25/18 08:00 PM	27935	368	2.10	ND	ND	ND	ND	ND	ND	ND	7.3	112
08/25/18 08:30 PM	28227	366	2.11	ND	ND	ND	ND	ND	ND	ND	6.5	108
08/25/18 09:00 PM	26903	366	2.10	ND	ND	ND	ND	ND	ND	ND	6.2	108
08/25/18 09:30 PM	26412	367	2.09	ND	ND	ND	ND	ND	ND	ND	6.0	112
08/25/18 10:00 PM	26913	366	2.10	ND	ND	ND	ND	ND	ND	ND	5.9	112
08/25/18 10:30 PM	26716	367	2.10	ND	ND	ND	ND	ND	ND	ND	5.4	113
08/25/18 11:00 PM	26969	366	2.11	ND	ND	ND	ND	ND	ND	ND	5.4	113
08/25/18 11:30 PM	27625	367	2.11	ND	ND	ND	ND	ND	ND	ND	5.4	113
08/26/18 12:00 AM	28114	369	2.12	ND	ND	ND	ND	ND	ND	ND	5.4	116

Daily Processed Summary (Average, Maximum)

Average	26647	371	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	125
Maximum Value	28974	376	2.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/26/18 12:30 AM	27734	370	2.10	ND	ND	ND	ND	ND	ND	ND	5.7	112
08/26/18 01:00 AM	27703	367	2.10	ND	ND	ND	ND	ND	ND	ND	5.6	116
08/26/18 01:30 AM	27734	366	2.12	ND	ND	ND	ND	ND	ND	ND	6.4	132
08/26/18 02:00 AM	27464	367	2.12	ND	ND	ND	ND	ND	ND	ND	6.1	137
08/26/18 02:30 AM	27420	368	2.10	ND	ND	ND	ND	ND	ND	ND	5.4	135
08/26/18 03:00 AM	27238	370	2.07	ND	ND	ND	ND	ND	ND	ND	5.0	136
08/26/18 03:30 AM	27161	371	2.08	ND	ND	ND	ND	ND	ND	ND	3.9	140
08/26/18 04:00 AM	26895	374	2.10	ND	ND	ND	ND	ND	ND	ND	3.6	137
08/26/18 04:30 AM	27038	374	2.11	ND	ND	ND	ND	ND	ND	ND	3.1	136
08/26/18 05:00 AM	27230	375	2.15	ND	ND	ND	ND	ND	ND	ND	3.3	138
08/26/18 05:30 AM	28020	374	2.14	ND	ND	ND	ND	ND	ND	ND	2.6	122
08/26/18 06:00 AM	28756	375	2.17	ND	ND	ND	ND	ND	ND	ND	2.2	115
08/26/18 06:30 AM	29044	375	2.16	ND	ND	ND	ND	ND	ND	ND	2.5	133
08/26/18 07:00 AM	28706	376	2.16	ND	ND	ND	ND	ND	ND	ND	2.0	106
08/26/18 07:30 AM	28455	374	2.14	ND	ND	ND	ND	ND	ND	ND	2.2	118
08/26/18 08:00 AM	28705	371	2.13	ND	ND	ND	ND	ND	ND	ND	2.7	127
08/26/18 08:30 AM	28846	367	2.11	ND	ND	ND	ND	ND	ND	ND	3.5	129
08/26/18 09:00 AM	28568	366	2.08	ND	ND	ND	ND	ND	ND	ND	4.4	125
08/26/18 09:30 AM	28212	367	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	138
08/26/18 10:00 AM	27754	365	2.06	ND	ND	ND	ND	ND	ND	ND	5.2	120
08/26/18 10:30 AM	27981	364	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	128
08/26/18 11:00 AM	27615	369	2.07	ND	ND	ND	ND	ND	ND	ND	5.8	126
08/26/18 11:30 AM	27015	370	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	123
08/26/18 12:00 PM	27072	369	2.03	ND	ND	ND	ND	ND	ND	ND	7.4	124
08/26/18 12:30 PM	27149	370	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	124
08/26/18 01:00 PM	27070	369	2.03	ND	ND	ND	ND	ND	ND	ND	8.2	124
08/26/18 01:30 PM	26901	368	2.04	ND	ND	ND	ND	ND	ND	ND	9.1	120
08/26/18 02:00 PM	27134	367	2.04	ND	ND	ND	ND	ND	ND	ND	9.6	115
08/26/18 02:30 PM	26975	366	2.04	ND	ND	ND	ND	ND	ND	ND	10.3	118
08/26/18 03:00 PM	26914	368	2.04	ND	ND	ND	ND	ND	ND	ND	10.2	122
08/26/18 03:30 PM	27379	366	2.04	ND	ND	ND	ND	ND	ND	ND	10.8	120
08/26/18 04:00 PM	27257	367	2.05	ND	ND	ND	ND	ND	ND	ND	10.3	121
08/26/18 04:30 PM	27282	368	2.08	ND	ND	ND	ND	ND	ND	ND	10.9	114
08/26/18 05:00 PM	27550	369	2.08	ND	ND	ND	ND	ND	ND	ND	10.6	118
08/26/18 05:30 PM	27596	368	2.08	ND	ND	ND	ND	ND	ND	ND	10.0	117
08/26/18 06:00 PM	27838	368	2.10	ND	ND	ND	ND	ND	ND	ND	9.4	112
08/26/18 06:30 PM	27704	368	2.09	ND	ND	ND	ND	ND	ND	ND	9.4	114
08/26/18 07:00 PM	27846	367	2.09	ND	ND	ND	ND	ND	ND	ND	8.7	114
08/26/18 07:30 PM	27509	367	2.09	ND	ND	ND	ND	ND	ND	ND	8.8	111
08/26/18 08:00 PM	27310	365	2.08	ND	ND	ND	ND	ND	ND	ND	7.9	111
08/26/18 08:30 PM	27301	365	2.09	ND	ND	ND	ND	ND	ND	ND	7.2	108
08/26/18 09:00 PM	26252	366	2.08	ND	ND	ND	ND	ND	ND	ND	6.9	112
08/26/18 09:30 PM	26472	365	2.09	ND	ND	ND	ND	ND	ND	ND	7.3	114
08/26/18 10:00 PM	27122	365	2.08	ND	ND	ND	ND	ND	ND	ND	7.0	116
08/26/18 10:30 PM	28211	363	2.06	ND	ND	ND	ND	ND	ND	ND	6.7	111
08/26/18 11:00 PM	27901	364	2.06	ND	ND	ND	ND	ND	ND	ND	6.8	115
08/26/18 11:30 PM	28238	364	2.07	ND	ND	ND	ND	ND	ND	ND	6.1	111
08/27/18 12:00 AM	27977	364	2.07	ND	ND	ND	ND	ND	ND	ND	6.5	116

Daily Processed Summary (Average, Maximum)

Average	27609	368	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	120
Maximum Value	29044	376	2.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/27/18 12:30 AM	27863	365	2.08	ND	ND	ND	ND	ND	ND	ND	7.4	117
08/27/18 01:00 AM	27848	366	2.08	ND	ND	ND	ND	ND	ND	ND	6.4	118
08/27/18 01:30 AM	27401	368	2.10	ND	ND	ND	ND	ND	ND	ND	6.0	123
08/27/18 02:00 AM	27241	369	2.09	ND	ND	ND	ND	ND	ND	ND	5.5	130
08/27/18 02:30 AM	27253	366	2.08	ND	ND	ND	ND	ND	ND	ND	6.7	135
08/27/18 03:00 AM	27489	368	2.08	ND	ND	ND	ND	ND	ND	ND	5.9	135
08/27/18 03:30 AM	27859	364	2.07	ND	ND	ND	ND	ND	ND	ND	6.6	133
08/27/18 04:00 AM	28447	365	2.06	ND	ND	ND	ND	ND	ND	ND	5.5	139
08/27/18 04:30 AM	28727	369	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	154
08/27/18 05:00 AM	28787	371	2.05	ND	ND	ND	ND	ND	ND	ND	3.2	145
08/27/18 05:30 AM	28625	372	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	142
08/27/18 06:00 AM	28469	374	2.08	ND	ND	ND	ND	ND	ND	ND	4.2	161
08/27/18 06:30 AM	28686	375	2.03	ND	ND	ND	ND	ND	ND	ND	3.1	143
08/27/18 07:00 AM	25672	374	2.00	ND	ND	ND	ND	ND	ND	ND	4.5	128
08/27/18 07:30 AM	27318	377	2.06	ND	ND	ND	ND	ND	ND	ND	2.8	142
08/27/18 08:00 AM	28061	376	2.05	ND	ND	ND	ND	ND	ND	ND	2.7	143
08/27/18 08:30 AM	28130	371	2.01	ND	ND	ND	ND	ND	ND	ND	4.5	135
08/27/18 09:00 AM	28439	370	2.02	ND	ND	ND	ND	ND	ND	ND	4.9	133
08/27/18 09:30 AM	27838	372	2.00	ND	ND	ND	ND	ND	ND	ND	5.1	138
08/27/18 10:00 AM	28034	370	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	128
08/27/18 10:30 AM	27292	368	2.01	ND	ND	ND	ND	ND	ND	ND	6.1	132
08/27/18 11:00 AM	27030	368	2.00	ND	ND	ND	ND	ND	ND	ND	7.3	123
08/27/18 11:30 AM	28346	372	2.03	ND	ND	ND	ND	ND	ND	ND	3.9	171
08/27/18 12:00 PM	26984	372	2.02	ND	ND	ND	ND	ND	ND	ND	4.6	152
08/27/18 12:30 PM	25941	374	1.98	ND	ND	ND	ND	ND	ND	ND	6.8	125
08/27/18 01:00 PM	24510	374	1.98	ND	ND	ND	ND	ND	ND	ND	7.9	130
08/27/18 01:30 PM	25532	372	1.97	ND	ND	ND	ND	ND	ND	ND	10.0	116
08/27/18 02:00 PM	25480	373	1.97	ND	ND	ND	ND	ND	ND	ND	9.5	130
08/27/18 02:30 PM	24658	373	1.97	ND	ND	ND	ND	ND	ND	ND	9.4	122
08/27/18 03:00 PM	25555	368	1.97	ND	ND	ND	ND	ND	ND	ND	10.0	119
08/27/18 03:30 PM	26130	368	1.98	ND	ND	ND	ND	ND	ND	ND	9.7	117
08/27/18 04:00 PM	26636	367	1.99	ND	ND	ND	ND	ND	ND	ND	10.1	121
08/27/18 04:30 PM	27342	365	1.97	ND	ND	ND	ND	ND	ND	ND	10.2	120
08/27/18 05:00 PM	27550	367	1.97	ND	ND	ND	ND	ND	ND	ND	9.8	116
08/27/18 05:30 PM	27757	365	1.96	ND	ND	ND	ND	ND	ND	ND	9.9	117
08/27/18 06:00 PM	27305	368	1.98	ND	ND	ND	ND	ND	ND	ND	10.2	113
08/27/18 06:30 PM	27016	369	1.98	ND	ND	ND	ND	ND	ND	ND	9.7	112
08/27/18 07:00 PM	27952	369	1.99	ND	ND	ND	ND	ND	ND	ND	9.7	115
08/27/18 07:30 PM	28570	365	1.97	ND	ND	ND	ND	ND	ND	ND	8.9	116
08/27/18 08:00 PM	28540	366	1.99	ND	ND	ND	ND	ND	ND	ND	8.1	114
08/27/18 08:30 PM	27722	364	1.97	ND	ND	ND	ND	ND	ND	ND	8.4	116
08/27/18 09:00 PM	27175	366	1.97	ND	ND	ND	ND	ND	ND	ND	7.5	112
08/27/18 09:30 PM	27210	367	1.98	ND	ND	ND	ND	ND	ND	ND	7.5	112
08/27/18 10:00 PM	27783	366	1.97	ND	ND	ND	ND	ND	ND	ND	8.2	112
08/27/18 10:30 PM	27938	365	1.98	ND	ND	ND	ND	ND	ND	ND	8.4	113
08/27/18 11:00 PM	28220	363	1.97	ND	ND	ND	ND	ND	ND	ND	9.2	116
08/27/18 11:30 PM	28260	364	1.98	ND	ND	ND	ND	ND	ND	ND	8.5	115
08/28/18 12:00 AM	28256	363	1.98	ND	ND	ND	ND	ND	ND	ND	9.1	118

Daily Processed Summary (Average, Maximum)												
Average	27435	369	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	124
Maximum Value	28787	377	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/28/18 12:30 AM	28005	365	1.98	ND	ND	ND	ND	ND	ND	ND	9.1	119
08/28/18 01:00 AM	28262	367	1.98	ND	ND	ND	ND	ND	ND	ND	8.5	128
08/28/18 01:30 AM	28618	368	1.98	ND	ND	ND	ND	ND	ND	ND	8.8	134
08/28/18 02:00 AM	28402	365	1.99	ND	ND	ND	ND	ND	ND	ND	8.8	135
08/28/18 02:30 AM	28606	365	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	136
08/28/18 03:00 AM	29115	366	2.01	ND	ND	ND	ND	ND	ND	ND	6.9	134
08/28/18 03:30 AM	29051	372	2.01	ND	ND	ND	ND	ND	ND	ND	6.3	145
08/28/18 04:00 AM	28705	371	2.00	ND	ND	ND	ND	ND	ND	ND	6.2	144
08/28/18 04:30 AM	28754	370	2.00	ND	ND	ND	ND	ND	ND	ND	5.8	143
08/28/18 05:00 AM	29105	374	2.02	ND	ND	ND	ND	ND	ND	ND	4.6	152
08/28/18 05:30 AM	28885	376	2.04	ND	ND	ND	ND	ND	ND	ND	3.6	142
08/28/18 06:00 AM	28946	376	2.04	ND	ND	ND	ND	ND	ND	ND	3.7	153
08/28/18 06:30 AM	28823	374	2.03	ND	ND	ND	ND	ND	ND	ND	3.7	157
08/28/18 07:00 AM	28930	372	2.03	ND	ND	ND	ND	ND	ND	ND	3.4	143
08/28/18 07:30 AM	29106	370	2.01	ND	ND	ND	ND	ND	ND	ND	4.3	130
08/28/18 08:00 AM	28497	370	2.01	ND	ND	ND	ND	ND	ND	ND	4.5	138
08/28/18 08:30 AM	28369	373	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	161
08/28/18 09:00 AM	28524	373	2.03	ND	ND	ND	ND	ND	ND	ND	5.4	170
08/28/18 09:30 AM	28391	373	2.00	ND	ND	ND	ND	ND	ND	ND	5.9	172
08/28/18 10:00 AM	27536	373	2.01	ND	ND	ND	ND	ND	ND	ND	6.3	174
08/28/18 10:30 AM	26556	375	2.01	ND	ND	ND	ND	ND	ND	ND	7.6	179
08/28/18 11:00 AM	26321	374	2.01	ND	ND	ND	ND	ND	ND	ND	7.3	170
08/28/18 11:30 AM	26119	376	2.01	ND	ND	ND	ND	ND	ND	ND	6.3	175
08/28/18 12:00 PM	25955	376	2.00	ND	ND	ND	ND	ND	ND	ND	6.7	173
08/28/18 12:30 PM	25267	375	1.98	ND	ND	ND	ND	ND	ND	ND	6.7	179
08/28/18 01:00 PM	25261	374	1.98	ND	ND	ND	ND	ND	ND	ND	6.9	174
08/28/18 01:30 PM	24994	375	1.99	ND	ND	ND	ND	ND	ND	ND	6.1	165
08/28/18 02:00 PM	24408	374	1.98	ND	ND	ND	ND	ND	ND	ND	7.1	154
08/28/18 02:30 PM	24192	375	1.99	ND	ND	ND	ND	ND	ND	ND	8.4	136
08/28/18 03:00 PM	23221	378	1.99	ND	ND	ND	ND	ND	ND	ND	8.6	123
08/28/18 03:30 PM	21616	378	1.97	ND	ND	ND	ND	ND	ND	ND	9.3	120
08/28/18 04:00 PM	23519	375	1.98	ND	ND	ND	ND	ND	ND	ND	9.8	123
08/28/18 04:30 PM	24604	374	2.00	ND	ND	ND	ND	ND	ND	ND	10.0	124
08/28/18 05:00 PM	26297	372	2.00	ND	ND	ND	ND	ND	ND	ND	9.4	116
08/28/18 05:30 PM	27034	371	1.99	ND	ND	ND	ND	ND	ND	ND	9.5	121
08/28/18 06:00 PM	27560	372	2.00	ND	ND	ND	ND	ND	ND	ND	9.9	113
08/28/18 06:30 PM	27760	374	2.02	ND	ND	ND	ND	ND	ND	ND	9.1	113
08/28/18 07:00 PM	27243	373	2.01	ND	ND	ND	ND	ND	ND	ND	9.0	113
08/28/18 07:30 PM	26861	374	2.00	ND	ND	ND	ND	ND	ND	ND	8.7	114
08/28/18 08:00 PM	27809	372	2.01	ND	ND	ND	ND	ND	ND	ND	8.8	115
08/28/18 08:30 PM	28121	370	2.00	ND	ND	ND	ND	ND	ND	ND	9.2	117
08/28/18 09:00 PM	27734	367	1.99	ND	ND	ND	ND	ND	ND	ND	9.1	116
08/28/18 09:30 PM	27185	368	1.98	ND	ND	ND	ND	ND	ND	ND	8.8	115
08/28/18 10:00 PM	27691	367	1.98	ND	ND	ND	ND	ND	ND	ND	9.2	114
08/28/18 10:30 PM	27402	368	1.98	ND	ND	ND	ND	ND	ND	ND	7.9	112
08/28/18 11:00 PM	27990	369	1.96	ND	ND	ND	ND	ND	ND	ND	7.5	116
08/28/18 11:30 PM	27996	368	1.97	ND	ND	ND	ND	ND	ND	ND	7.6	125
08/29/18 12:00 AM	28258	367	1.98	ND	ND	ND	ND	ND	ND	ND	8.3	131

Daily Processed Summary (Average, Maximum)

Average	27242	372	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	135
Maximum Value	29115	378	2.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/29/18 12:30 AM	28263	367	1.99	ND	ND	ND	ND	ND	ND	ND	7.5	130
08/29/18 01:00 AM	28754	364	1.99	ND	ND	ND	ND	ND	ND	ND	8.4	132
08/29/18 01:30 AM	28853	362	1.97	ND	ND	ND	ND	ND	ND	ND	9.4	131
08/29/18 02:00 AM	28772	363	1.98	ND	ND	ND	ND	ND	ND	ND	8.0	137
08/29/18 02:30 AM	28874	360	1.98	ND	ND	ND	ND	ND	ND	ND	7.6	135
08/29/18 03:00 AM	28697	362	1.99	ND	ND	ND	ND	ND	ND	ND	6.8	139
08/29/18 03:30 AM	28685	364	2.00	ND	ND	ND	ND	ND	ND	ND	6.3	137
08/29/18 04:00 AM	28545	366	1.99	ND	ND	ND	ND	ND	ND	ND	5.4	138
08/29/18 04:30 AM	28919	370	2.01	ND	ND	ND	ND	ND	ND	ND	5.0	144
08/29/18 05:00 AM	28713	374	2.06	ND	ND	ND	ND	ND	ND	ND	4.0	163
08/29/18 05:30 AM	28648	375	2.05	ND	ND	ND	ND	ND	ND	ND	3.5	158
08/29/18 06:00 AM	28800	376	2.05	ND	ND	ND	ND	ND	ND	ND	2.7	153
08/29/18 06:30 AM	28994	377	2.07	ND	ND	ND	ND	ND	ND	ND	1.6	135
08/29/18 07:00 AM	29042	376	2.05	ND	ND	ND	ND	ND	ND	ND	2.0	127
08/29/18 07:30 AM	29001	378	2.04	ND	ND	ND	ND	ND	ND	ND	1.8	114
08/29/18 08:00 AM	28766	377	2.01	ND	ND	ND	ND	ND	ND	ND	2.1	119
08/29/18 08:30 AM	28524	373	1.98	ND	ND	ND	ND	ND	ND	ND	2.8	137
08/29/18 09:00 AM	26478	372	1.97	ND	ND	ND	ND	ND	ND	ND	4.9	187
08/29/18 09:30 AM	27490	375	1.99	ND	ND	ND	ND	ND	ND	ND	2.1	211
08/29/18 10:00 AM	27583	375	2.00	ND	ND	ND	ND	ND	ND	ND	2.6	213
08/29/18 10:30 AM	27891	374	2.00	ND	ND	ND	ND	ND	ND	ND	3.5	243
08/29/18 11:00 AM	27973	373	1.99	ND	ND	ND	ND	ND	ND	ND	4.5	122
08/29/18 11:30 AM	26534	374	1.98	ND	ND	ND	ND	ND	ND	ND	5.0	125
08/29/18 12:00 PM	24724	375	1.96	ND	ND	ND	ND	ND	ND	ND	4.9	163
08/29/18 12:30 PM	25547	375	1.97	ND	ND	ND	ND	ND	ND	ND	6.8	124
08/29/18 01:00 PM	26309	373	1.95	ND	ND	ND	ND	ND	ND	ND	7.8	128
08/29/18 01:30 PM	26719	370	1.95	ND	ND	ND	ND	ND	ND	ND	8.7	106
08/29/18 02:00 PM	26204	373	1.95	ND	ND	ND	ND	ND	ND	ND	8.5	164
08/29/18 02:30 PM	25407	376	1.96	ND	ND	ND	ND	ND	ND	ND	7.6	137
08/29/18 03:00 PM	25582	382	2.02	ND	ND	ND	ND	ND	ND	ND	6.4	49
08/29/18 03:30 PM	27024	362	2.00	ND	ND	ND	ND	ND	ND	ND	5.0	61
08/29/18 04:00 PM	28075	377	2.04	ND	ND	ND	ND	ND	ND	ND	4.5	82
08/29/18 04:30 PM	27582	376	2.01	ND	ND	ND	ND	ND	ND	ND	4.6	87
08/29/18 05:00 PM											6.1	120
08/29/18 06:00 PM											6.9	109
08/29/18 06:30 PM	28544	361	1.96	ND	ND	ND	ND	ND	ND	ND	7.0	105
08/29/18 07:00 PM	27482	367	1.98	ND	ND	ND	ND	ND	ND	ND	6.7	108
08/29/18 07:30 PM	26645	371	1.98	ND	ND	ND	ND	ND	ND	ND	5.5	80
08/29/18 08:00 PM	27455	371	2.00	ND	ND	ND	ND	ND	ND	ND	4.6	83
08/29/18 08:30 PM	27888	371	2.03	ND	ND	ND	ND	ND	ND	ND	4.9	85
08/29/18 09:00 PM	27965	368	2.01	ND	ND	ND	ND	ND	ND	ND	5.1	77
08/29/18 09:30 PM	28200	367	2.00	ND	ND	ND	ND	ND	ND	ND	5.0	85
08/29/18 10:00 PM	27970	366	2.01	ND	ND	ND	ND	ND	ND	ND	5.0	83
08/29/18 10:30 PM	27658	371	2.01	ND	ND	ND	ND	ND	ND	ND	4.9	87
08/29/18 11:00 PM	27959	370	2.02	ND	ND	ND	ND	ND	ND	ND	4.6	90
08/29/18 11:30 PM	27997	371	2.03	ND	ND	ND	ND	ND	ND	ND	4.1	91
08/30/18 12:00 AM	28014	373	2.01	ND	ND	ND	ND	ND	ND	ND	3.7	89

Daily Processed Summary (Average, Maximum)

Average	27772	371	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.3	121
Maximum Value	29042	382	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/30/18 12:30 AM	27695	373	2.05	ND	ND	ND	ND	ND	ND	ND	2.9	101
08/30/18 01:00 AM	28087	372	2.03	ND	ND	ND	ND	ND	ND	ND	3.2	101
08/30/18 01:30 AM	28248	371	2.06	ND	ND	ND	ND	ND	ND	ND	4.1	112
08/30/18 02:00 AM	28515	369	2.04	ND	ND	ND	ND	ND	ND	ND	3.7	107
08/30/18 02:30 AM	28854	369	2.04	ND	ND	ND	ND	ND	ND	ND	2.9	97
08/30/18 03:00 AM	28833	373	2.04	ND	ND	ND	ND	ND	ND	ND	2.5	94
08/30/18 03:30 AM	28486	377	2.19	ND	ND	ND	ND	ND	ND	ND	2.4	78
08/30/18 04:00 AM	28280	378	2.24	ND	ND	ND	ND	ND	ND	ND	2.2	76
08/30/18 04:30 AM	28270	383	2.19	ND	ND	ND	ND	ND	ND	ND	1.7	85
08/30/18 05:00 AM	28489	386	2.27	ND	ND	ND	ND	ND	ND	ND	1.6	90
08/30/18 05:30 AM	28722	390	2.46	ND	ND	ND	ND	ND	ND	ND	2.2	89
08/30/18 06:00 AM	28615	390	2.41	ND	ND	ND	ND	ND	ND	ND	1.6	84
08/30/18 06:30 AM	28628	391	2.47	ND	ND	ND	ND	ND	ND	ND	1.5	68
08/30/18 07:00 AM	28444	399	2.47	ND	ND	ND	ND	ND	ND	ND	1.3	148
08/30/18 07:30 AM	28224	401	2.37	ND	ND	ND	ND	ND	ND	ND	1.9	72
08/30/18 08:00 AM	27922	394	2.29	ND	ND	ND	ND	ND	ND	ND	2.5	74
08/30/18 08:30 AM	28382	394	2.35	ND	ND	ND	ND	ND	ND	ND	2.1	143
08/30/18 09:00 AM	28487	384	2.21	ND	ND	ND	ND	ND	ND	ND	1.7	226
08/30/18 09:30 AM	28246	376	2.09	ND	ND	ND	ND	ND	ND	ND	2.3	299
08/30/18 10:00 AM	28361	375	2.10	ND	ND	ND	ND	ND	ND	ND	3.3	299
08/30/18 10:30 AM	28187	377	2.08	ND	ND	ND	ND	ND	ND	ND	2.7	288
08/30/18 11:00 AM	27666	376	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	89
08/30/18 11:30 AM	26394	342	2.01	ND	ND	ND	ND	ND	ND	ND	3.0	92
08/30/18 12:00 PM	26088	373	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	125
08/30/18 12:30 PM	27691	368	2.04	ND	ND	ND	ND	ND	ND	ND	5.4	145
08/30/18 01:00 PM	27685	367	2.01	ND	ND	ND	ND	ND	ND	ND	4.7	117
08/30/18 01:30 PM	27044	368	1.99	ND	ND	ND	ND	ND	ND	ND	5.6	68
08/30/18 02:00 PM	27108	360	1.99	ND	ND	ND	ND	ND	ND	ND	5.2	67
08/30/18 02:30 PM	28299	365	2.02	ND	ND	ND	ND	ND	ND	ND	4.7	76
08/30/18 03:00 PM	28402	366	2.04	ND	ND	ND	ND	ND	ND	ND	5.1	66
08/30/18 03:30 PM	27424	370	2.05	ND	ND	ND	ND	ND	ND	ND	5.0	73
08/30/18 04:00 PM	26806	368	2.04	ND	ND	ND	ND	ND	ND	ND	4.5	83
08/30/18 04:30 PM	26349	369	2.02	ND	ND	ND	ND	ND	ND	ND	5.6	82
08/30/18 05:00 PM	26606	367	2.03	ND	ND	ND	ND	ND	ND	ND	5.6	91
08/30/18 05:30 PM	26997	367	2.01	ND	ND	ND	ND	ND	ND	ND	5.1	92
08/30/18 06:00 PM	25438	369	2.01	ND	ND	ND	ND	ND	ND	ND	5.8	83
08/30/18 06:30 PM	25879	369	2.02	ND	ND	ND	ND	ND	ND	ND	4.9	80
08/30/18 07:00 PM	26018	370	2.03	ND	ND	ND	ND	ND	ND	ND	3.6	82
08/30/18 07:30 PM	26176	374	2.04	ND	ND	ND	ND	ND	ND	ND	3.7	82
08/30/18 08:00 PM	26905	375	2.04	ND	ND	ND	ND	ND	ND	ND	3.4	72
08/30/18 08:30 PM	26208	377	2.02	ND	ND	ND	ND	ND	ND	ND	3.9	71
08/30/18 09:00 PM	26129	379	2.05	ND	ND	ND	ND	ND	ND	ND	4.1	65
08/30/18 09:30 PM	26235	379	2.04	ND	ND	ND	ND	ND	ND	ND	3.8	78
08/30/18 10:00 PM	26549	380	2.03	ND	ND	ND	ND	ND	ND	ND	2.9	87
08/30/18 10:30 PM	26629	379	2.08	ND	ND	ND	ND	ND	ND	ND	2.4	81
08/30/18 11:00 PM	26684	381	2.13	ND	ND	ND	ND	ND	ND	ND	2.7	73
08/30/18 11:30 PM	26736	382	2.10	ND	ND	ND	ND	ND	ND	ND	2.6	62
08/31/18 12:00 AM	26949	382	2.07	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)												
Average	27481	376	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7	86
Maximum Value	28854	401	2.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
08/31/18 12:30 AM	26986	382	2.16	ND	ND	ND	ND	ND	ND	ND	3.2	68
08/31/18 01:00 AM	27011	382	2.21	ND	ND	ND	ND	ND	ND	ND	3.2	70
08/31/18 01:30 AM	26997	384	2.17	ND	ND	ND	ND	ND	ND	ND	2.7	74
08/31/18 02:00 AM	27105	387	2.20	ND	ND	ND	ND	ND	ND	ND	2.3	60
08/31/18 02:30 AM	27175	383	2.16	ND	ND	ND	ND	ND	ND	ND	2.6	70
08/31/18 03:00 AM	27629	389	2.27	ND	ND	ND	ND	ND	ND	ND	2.2	62
08/31/18 03:30 AM	27343	388	2.21	ND	ND	ND	ND	ND	ND	ND	2.9	78
08/31/18 04:00 AM	27227	392	2.26	ND	ND	ND	ND	ND	ND	ND	2.0	87
08/31/18 04:30 AM	27205	391	2.26	ND	ND	ND	ND	ND	ND	ND	2.3	72
08/31/18 05:00 AM	27151	391	2.30	ND	ND	ND	ND	ND	ND	ND	2.5	82
08/31/18 05:30 AM	27119	395	2.32	ND	ND	ND	ND	ND	ND	ND	2.3	85
08/31/18 06:00 AM	27050	396	2.36	ND	ND	ND	ND	ND	ND	ND	1.8	64
08/31/18 06:30 AM	27310	403	2.32	ND	ND	ND	ND	ND	ND	ND	1.9	285
08/31/18 07:00 AM	26873	408	2.31	ND	ND	ND	ND	ND	ND	ND	1.4	232
08/31/18 07:30 AM	26478	411	2.42	ND	ND	ND	ND	ND	ND	ND	1.8	343
08/31/18 08:00 AM	26361	404	2.38	ND	ND	ND	ND	ND	ND	ND	3.1	295
08/31/18 08:30 AM	27080	399	2.38	ND	ND	ND	ND	ND	ND	ND	2.9	237
08/31/18 09:00 AM	27676	393	2.15	ND	ND	ND	ND	ND	ND	ND	2.8	296
08/31/18 09:30 AM	27709	386	2.10	ND	ND	ND	ND	ND	ND	ND	3.7	53
08/31/18 10:00 AM	27455	375	2.06	ND	ND	ND	ND	ND	ND	ND	4.0	59
08/31/18 10:30 AM	26132	368	2.00	ND	ND	ND	ND	ND	ND	ND	4.7	82
08/31/18 11:00 AM	24006	314	1.85	ND	ND	ND	ND	ND	ND	ND	4.5	75
08/31/18 11:30 AM	22849	316	1.85	ND	ND	ND	ND	ND	ND	ND	4.6	78
08/31/18 12:00 PM	24007	314	1.86	ND	ND	ND	ND	ND	ND	ND	4.7	134
08/31/18 12:30 PM	24126	323	1.87	ND	ND	ND	ND	ND	ND	ND	6.5	139
08/31/18 01:00 PM	25602	366	1.98	ND	ND	ND	ND	ND	ND	ND	7.6	123
08/31/18 01:30 PM	25266	367	1.98	ND	ND	ND	ND	ND	ND	ND	8.4	133
08/31/18 02:00 PM	25372	367	1.95	ND	ND	ND	ND	ND	ND	ND	9.1	133
08/31/18 02:30 PM	25360	366	1.95	ND	ND	ND	ND	ND	ND	ND	9.5	131
08/31/18 03:00 PM	25539	367	1.96	ND	ND	ND	ND	ND	ND	ND	8.9	132
08/31/18 03:30 PM	25370	367	1.98	ND	ND	ND	ND	ND	ND	ND	9.0	134
08/31/18 04:00 PM	25266	367	1.98	ND	ND	ND	ND	ND	ND	ND	9.0	127
08/31/18 04:30 PM	25711	367	1.98	ND	ND	ND	ND	ND	ND	ND	8.5	119
08/31/18 05:00 PM	25392	366	1.99	ND	ND	ND	ND	ND	ND	ND	8.1	119
08/31/18 05:30 PM	25495	365	1.99	ND	ND	ND	ND	ND	ND	ND	9.1	114
08/31/18 06:00 PM	24789	368	1.99	ND	ND	ND	ND	ND	ND	ND	8.6	113
08/31/18 06:30 PM	26174	364	1.98	ND	ND	ND	ND	ND	ND	ND	9.2	107
08/31/18 07:00 PM	25153	367	1.98	ND	ND	ND	ND	ND	ND	ND	7.2	99
08/31/18 07:30 PM	26010	366	1.98	ND	ND	ND	ND	ND	ND	ND	7.1	91
08/31/18 08:00 PM	26602	365	2.00	ND	ND	ND	ND	ND	ND	ND	7.7	106
08/31/18 08:30 PM	26853	366	2.01	ND	ND	ND	ND	ND	ND	ND	5.7	95
08/31/18 09:00 PM	26761	368	2.02	ND	ND	ND	ND	ND	ND	ND	4.7	87
08/31/18 09:30 PM	26797	371	2.02	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.4	83
08/31/18 10:00 PM	27691	370	2.05	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.7	94
08/31/18 10:30 PM	27223	371	2.06	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.3	86
08/31/18 11:00 PM	26629	373	2.08	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.2	84
08/31/18 11:30 PM	26772	374	2.09	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.0	83

Daily Processed Summary (Average, Maximum)

Average	26295	374	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	106
Maximum Value	27709	411	2.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
September 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
September 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa Point Comfort AAMS

timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
9/1/2018	100	26961	374	2.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8	124
9/2/2018	100	27647	371	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.1	106
9/3/2018	100	27849	359	1.98	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.4	96
9/4/2018	100	27064	370	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	69
9/5/2018	100	27679	371	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	80
9/6/2018	100	26835	376	2.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.8	91
9/7/2018	100	27148	351	2.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	123
9/8/2018	100	26119	319	1.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.8	120
9/9/2018	100	25610	327	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	354
9/10/2018	100	23617	322	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.7	40
9/11/2018	100	23795	314	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.5	67
9/12/2018	79	24113	314	1.93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	60
9/13/2018	79	24927	321	1.97	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	33
9/14/2018	60	24564	304	1.87	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	41
9/15/2018	88	24558	302	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.3	89
9/16/2018	100	24036	314	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	122
9/17/2018	100	25337	320	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	155
9/18/2018	100	25956	320	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	187
9/19/2018	56	25662	317	2.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	118
9/20/2018	0											5.9	121
9/21/2018	0											6.8	122
9/22/2018	0											2.9	204
9/23/2018	0											3.3	284
9/24/2018	0											4.5	115
9/25/2018	85	28694	394	2.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	136
9/26/2018	98	27932	395	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	132
9/27/2018	100	22053	397	2.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1	339
9/28/2018	92	24484	380	2.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	62
9/29/2018	100	23621	335	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3	67
9/30/2018	100	24076	354	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	65

## Daily Processed Summary (Average, Maximum)

Average	78	25614	345	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.5	92
Maximum Value	100	28694	397	2.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/01/18 12:30 AM	27200	375	2.12	ND	ND	ND	ND	ND	ND	ND	2.2	90
09/01/18 01:00 AM	27177	376	2.15	ND	ND	ND	ND	ND	ND	ND	2.0	68
09/01/18 01:30 AM	27303	376	2.14	ND	ND	ND	ND	ND	ND	ND	2.5	70
09/01/18 02:00 AM	27546	378	2.14	ND	ND	ND	ND	ND	ND	ND	2.4	78
09/01/18 02:30 AM	27171	377	2.13	ND	ND	ND	ND	ND	ND	ND	1.7	113
09/01/18 03:00 AM	27281	381	2.19	ND	ND	ND	ND	ND	ND	ND	2.0	87
09/01/18 03:30 AM	26933	382	2.27	ND	ND	ND	ND	ND	ND	ND	2.2	83
09/01/18 04:00 AM	26376	378	2.25	ND	ND	ND	ND	ND	ND	ND	2.0	84
09/01/18 04:30 AM	26597	381	2.24	ND	ND	ND	ND	ND	ND	ND	2.4	80
09/01/18 05:00 AM	26684	382	2.25	ND	ND	0.00523	ND	ND	ND	ND	1.3	124
09/01/18 05:30 AM	27150	391	2.37	ND	ND	ND	ND	ND	ND	ND	1.9	320
09/01/18 06:00 AM	26160	361	2.48	ND	ND	ND	ND	ND	ND	ND	2.6	258
09/01/18 06:30 AM	26838	392	2.45	ND	ND	ND	ND	ND	ND	ND	1.7	188
09/01/18 07:00 AM	27008	397	2.39	ND	ND	ND	ND	ND	ND	ND	1.5	180
09/01/18 07:30 AM	26834	398	2.53	ND	ND	ND	ND	ND	ND	ND	1.6	176
09/01/18 08:00 AM	27202	396	2.49	ND	ND	ND	ND	ND	ND	ND	1.3	127
09/01/18 08:30 AM	27373	389	2.29	ND	0.01010	ND	ND	ND	ND	ND	1.7	180
09/01/18 09:00 AM	28109	386	2.24	ND	ND	ND	ND	ND	ND	ND	2.1	124
09/01/18 09:30 AM	28925	390	2.26	ND	ND	ND	ND	ND	ND	ND	2.4	227
09/01/18 10:00 AM	28258	381	2.20	ND	ND	ND	ND	ND	ND	ND	2.2	326
09/01/18 10:30 AM	27914	376	2.15	ND	ND	ND	ND	ND	ND	ND	2.7	223
09/01/18 11:00 AM	26711	366	2.04	ND	ND	ND	ND	ND	ND	ND	1.9	163
09/01/18 11:30 AM	27515	361	2.04	ND	ND	ND	ND	ND	ND	ND	3.4	93
09/01/18 12:00 PM	25080	317	1.94	ND	ND	ND	ND	ND	ND	ND	4.5	285
09/01/18 12:30 PM	26735	371	2.06	ND	ND	ND	ND	ND	ND	ND	2.8	322
09/01/18 01:00 PM	26581	380	2.09	ND	ND	ND	ND	ND	ND	ND	3.5	294
09/01/18 01:30 PM	27190	377	2.09	ND	ND	ND	ND	ND	ND	ND	4.8	189
09/01/18 02:00 PM	27034	375	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	178
09/01/18 02:30 PM	26881	374	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	175
09/01/18 03:00 PM	26407	373	2.07	ND	ND	ND	ND	ND	ND	ND	4.2	163
09/01/18 03:30 PM	24908	373	2.04	ND	ND	ND	ND	ND	ND	ND	4.5	150
09/01/18 04:00 PM	24123	374	1.99	ND	ND	ND	ND	ND	ND	ND	5.9	131
09/01/18 04:30 PM	25247	374	1.99	ND	ND	ND	ND	ND	ND	ND	6.0	131
09/01/18 05:00 PM	26746	368	1.98	ND	ND	ND	ND	ND	ND	ND	7.9	122
09/01/18 05:30 PM	25730	370	1.98	ND	ND	ND	ND	ND	ND	ND	8.0	119
09/01/18 06:00 PM	25955	368	1.97	ND	ND	ND	ND	ND	ND	ND	9.2	121
09/01/18 06:30 PM	26835	367	1.99	ND	ND	ND	ND	ND	ND	ND	9.1	123
09/01/18 07:00 PM	26370	368	1.97	ND	ND	ND	ND	ND	ND	ND	8.7	114
09/01/18 07:30 PM	26792	367	1.97	ND	ND	0.00637	ND	ND	ND	ND	8.3	111
09/01/18 08:00 PM	27809	366	1.99	ND	ND	ND	ND	ND	ND	ND	7.0	110
09/01/18 08:30 PM	27724	366	1.99	ND	ND	ND	ND	ND	ND	ND	5.9	105
09/01/18 09:00 PM	27349	366	1.99	ND	ND	ND	ND	ND	ND	ND	6.2	103
09/01/18 09:30 PM	27878	367	2.01	ND	ND	ND	ND	ND	ND	ND	5.2	100
09/01/18 10:00 PM	27750	371	2.02	ND	ND	ND	ND	ND	ND	ND	4.1	96
09/01/18 10:30 PM	27661	371	2.00	ND	ND	ND	ND	ND	ND	ND	4.5	111
09/01/18 11:00 PM	27355	366	1.98	ND	ND	ND	ND	ND	ND	ND	5.5	112
09/01/18 11:30 PM	27929	365	1.98	ND	ND	ND	ND	ND	ND	ND	5.7	115
09/02/18 12:00 AM	27810	370	1.99	ND	ND	ND	ND	ND	ND	ND	4.7	122

Daily Processed Summary (Average, Maximum)

Average	26961	374	2.13	BDL	0.00021	0.00024	BDL	BDL	BDL	BDL	2.8	124
Maximum Value	28925	398	2.53	BDL	0.01010	0.00637	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/02/18 12:30 AM	28000	374	2.00	ND	ND	ND	ND	ND	ND	ND	4.2	128
09/02/18 01:00 AM	28173	374	2.00	ND	ND	ND	ND	ND	ND	ND	4.3	139
09/02/18 01:30 AM	28302	369	2.00	ND	ND	ND	ND	ND	ND	ND	4.7	145
09/02/18 02:00 AM	27880	367	1.99	ND	ND	ND	ND	ND	ND	ND	4.5	141
09/02/18 02:30 AM	28062	371	2.01	ND	ND	ND	ND	ND	ND	ND	2.9	150
09/02/18 03:00 AM	28187	373	2.02	ND	ND	ND	ND	ND	ND	ND	3.1	156
09/02/18 03:30 AM	28407	374	2.06	ND	ND	ND	ND	ND	ND	ND	2.9	143
09/02/18 04:00 AM	28401	374	2.04	ND	ND	ND	ND	ND	ND	ND	2.4	156
09/02/18 04:30 AM	28089	374	2.14	ND	ND	ND	ND	ND	ND	ND	2.4	173
09/02/18 05:00 AM	28050	375	2.20	ND	ND	ND	ND	ND	ND	ND	2.1	174
09/02/18 05:30 AM	28037	376	2.10	ND	ND	ND	ND	ND	ND	ND	2.6	175
09/02/18 06:00 AM	28063	379	2.06	ND	ND	ND	ND	0.00138	ND	ND	1.6	158
09/02/18 06:30 AM	26980	376	2.02	ND	0.00224	ND	ND	ND	ND	ND	3.0	193
09/02/18 07:00 AM	26614	377	2.00	ND	ND	ND	ND	ND	ND	ND	1.9	198
09/02/18 07:30 AM	26636	379	2.00	ND	ND	ND	ND	ND	ND	ND	1.0	209
09/02/18 08:00 AM	27104	379	2.02	ND	ND	ND	ND	ND	ND	ND	1.1	243
09/02/18 08:30 AM	27191	378	2.02	ND	ND	ND	ND	ND	ND	ND	0.7	246
09/02/18 09:00 AM	28154	378	2.03	ND	ND	ND	ND	ND	ND	ND	1.1	272
09/02/18 09:30 AM	28280	375	2.03	ND	ND	ND	ND	ND	ND	ND	2.5	306
09/02/18 10:00 AM	28824	375	2.10	ND	ND	ND	ND	ND	ND	ND	2.4	313
09/02/18 10:30 AM	29035	376	2.33	ND	ND	ND	ND	ND	ND	ND	1.8	154
09/02/18 11:00 AM	27369	373	2.15	ND	ND	ND	ND	ND	ND	ND	2.6	202
09/02/18 11:30 AM	25346	363	2.00	ND	ND	ND	ND	ND	ND	ND	4.4	79
09/02/18 12:00 PM	25261	346	1.97	ND	ND	ND	ND	ND	ND	ND	4.4	119
09/02/18 12:30 PM	26617	360	2.00	ND	ND	ND	ND	ND	ND	ND	3.8	154
09/02/18 01:00 PM	27442	365	2.03	ND	ND	ND	ND	ND	ND	ND	2.5	127
09/02/18 01:30 PM	27755	366	1.99	ND	ND	ND	ND	ND	ND	ND	2.1	128
09/02/18 02:00 PM	27782	368	2.00	ND	ND	ND	ND	ND	ND	ND	1.4	115
09/02/18 02:30 PM	28301	370	2.03	ND	ND	ND	ND	ND	ND	ND	2.6	25
09/02/18 03:00 PM	29144	372	2.11	ND	ND	ND	ND	ND	ND	ND	2.5	263
09/02/18 03:30 PM	29081	374	2.07	ND	ND	ND	ND	ND	ND	ND	2.5	78
09/02/18 04:00 PM	27951	371	2.01	ND	ND	ND	ND	ND	ND	ND	4.8	65
09/02/18 04:30 PM	26525	370	2.00	ND	ND	ND	ND	ND	ND	ND	5.1	72
09/02/18 05:00 PM	26925	374	2.04	ND	ND	ND	ND	ND	ND	ND	5.9	60
09/02/18 05:30 PM	26668	369	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	62
09/02/18 06:00 PM	27011	366	2.02	ND	ND	ND	ND	ND	ND	ND	6.3	70
09/02/18 06:30 PM	27179	368	2.02	ND	ND	ND	ND	ND	ND	ND	5.2	65
09/02/18 07:00 PM	27567	367	2.04	ND	ND	ND	ND	ND	ND	ND	5.3	73
09/02/18 07:30 PM	27784	366	2.04	ND	ND	ND	ND	ND	ND	ND	5.2	75
09/02/18 08:00 PM	27853	369	2.04	ND	ND	ND	ND	ND	ND	ND	4.7	71
09/02/18 08:30 PM	27173	371	2.04	ND	ND	ND	ND	ND	ND	ND	3.5	77
09/02/18 09:00 PM	27417	373	2.08	ND	ND	ND	ND	ND	ND	ND	2.6	101
09/02/18 09:30 PM	27496	369	2.03	ND	ND	ND	ND	ND	ND	ND	4.3	115
09/02/18 10:00 PM	27411	364	1.98	ND	ND	ND	ND	ND	ND	ND	5.0	105
09/02/18 10:30 PM	27870	367	2.01	ND	ND	ND	ND	ND	ND	ND	3.9	85
09/02/18 11:00 PM	27859	373	2.06	ND	ND	ND	ND	ND	ND	ND	3.1	72
09/02/18 11:30 PM	27897	377	2.13	ND	ND	ND	ND	ND	ND	ND	3.2	88
09/03/18 12:00 AM	27915	372	2.04	ND	ND	ND	ND	ND	ND	ND	2.9	98

## Daily Processed Summary (Average, Maximum)

Average	27647	371	2.04	BDL	0.00005	BDL	BDL	0.00003	BDL	BDL	2.1	106
Maximum Value	29144	379	2.33	BDL	0.00224	BDL	BDL	0.00138	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/03/18 12:30 AM	28127	372	2.05	ND	ND	ND	ND	ND	ND	ND	2.8	89
09/03/18 01:00 AM	28174	373	2.05	ND	ND	ND	ND	ND	ND	ND	2.5	108
09/03/18 01:30 AM	28925	368	1.99	ND	ND	ND	ND	ND	ND	ND	3.4	123
09/03/18 02:00 AM	29026	364	1.98	ND	ND	ND	ND	ND	ND	ND	4.0	131
09/03/18 02:30 AM	29169	359	1.98	ND	ND	ND	ND	ND	ND	ND	4.8	133
09/03/18 03:00 AM	29506	362	2.00	ND	ND	ND	ND	ND	ND	ND	4.4	137
09/03/18 03:30 AM	29618	363	2.01	ND	ND	ND	ND	ND	ND	ND	4.1	129
09/03/18 04:00 AM	29623	364	2.04	ND	ND	ND	ND	ND	ND	ND	3.3	134
09/03/18 04:30 AM	29800	367	2.04	ND	ND	ND	ND	ND	ND	ND	3.2	139
09/03/18 05:00 AM	29082	365	2.05	ND	0.00178	ND	ND	ND	ND	ND	4.0	152
09/03/18 05:30 AM	29781	367	2.03	ND	ND	ND	ND	ND	ND	ND	3.7	152
09/03/18 06:00 AM	28521	371	2.05	ND	ND	ND	ND	ND	ND	ND	5.1	187
09/03/18 06:30 AM	26858	370	2.01	ND	ND	ND	ND	ND	ND	ND	3.1	193
09/03/18 07:00 AM	26455	370	2.05	ND	ND	ND	ND	ND	ND	ND	1.9	174
09/03/18 07:30 AM	26318	371	2.19	ND	ND	ND	ND	ND	ND	ND	2.7	160
09/03/18 08:00 AM	26752	368	2.01	ND	ND	ND	ND	ND	ND	ND	4.9	145
09/03/18 08:30 AM	26376	360	1.98	ND	ND	ND	ND	ND	ND	ND	6.3	140
09/03/18 09:00 AM	26356	333	1.90	ND	ND	ND	ND	ND	ND	ND	7.1	135
09/03/18 09:30 AM	23063	252	1.64	ND	ND	ND	ND	ND	ND	ND	8.2	122
09/03/18 10:00 AM	25213	339	1.92	ND	ND	ND	ND	ND	ND	ND	6.9	98
09/03/18 10:30 AM	25768	350	1.95	ND	ND	ND	ND	ND	ND	ND	4.2	86
09/03/18 11:00 AM	26057	355	1.99	ND	ND	ND	ND	ND	ND	ND	3.8	71
09/03/18 11:30 AM	26435	358	1.99	ND	ND	ND	ND	ND	ND	ND	3.3	75
09/03/18 12:00 PM	27592	360	1.96	ND	ND	ND	ND	ND	ND	ND	4.1	92
09/03/18 12:30 PM	27666	362	2.00	ND	ND	ND	ND	ND	ND	ND	4.1	79
09/03/18 01:00 PM	28248	362	1.97	ND	ND	ND	ND	ND	ND	ND	4.2	65
09/03/18 01:30 PM	27919	364	1.98	ND	ND	ND	ND	ND	ND	ND	5.8	55
09/03/18 02:00 PM	27515	361	1.96	ND	ND	ND	ND	ND	ND	ND	5.8	73
09/03/18 02:30 PM	27599	362	1.97	ND	ND	ND	ND	ND	ND	ND	5.9	62
09/03/18 03:00 PM	28204	364	1.99	ND	ND	ND	ND	ND	ND	ND	7.1	75
09/03/18 03:30 PM	27441	364	1.97	ND	ND	ND	ND	ND	ND	ND	6.9	80
09/03/18 04:00 PM	26888	362	1.98	ND	ND	ND	ND	ND	ND	ND	7.2	82
09/03/18 04:30 PM	27279	363	1.96	ND	ND	ND	ND	ND	ND	ND	7.9	84
09/03/18 05:00 PM	27695	362	1.98	ND	ND	ND	ND	ND	ND	ND	8.8	94
09/03/18 05:30 PM	28383	358	1.95	ND	ND	ND	ND	ND	ND	ND	7.5	87
09/03/18 06:00 PM	28480	355	1.95	ND	ND	ND	ND	ND	ND	ND	8.7	85
09/03/18 06:30 PM	28502	356	1.96	ND	ND	ND	ND	ND	ND	ND	8.4	81
09/03/18 07:00 PM	28114	356	1.95	ND	ND	ND	ND	ND	ND	ND	6.0	80
09/03/18 07:30 PM	28031	358	1.96	ND	ND	ND	ND	ND	ND	ND	6.7	82
09/03/18 08:00 PM	27505	359	1.98	ND	ND	ND	ND	ND	ND	ND	5.4	68
09/03/18 08:30 PM	27655	364	1.97	ND	ND	ND	ND	ND	ND	ND	5.2	64
09/03/18 09:00 PM	28353	357	1.97	ND	ND	ND	ND	ND	ND	ND	5.2	64
09/03/18 09:30 PM	28790	361	1.96	ND	ND	ND	ND	ND	ND	ND	4.1	65
09/03/18 10:00 PM	28922	364	1.96	ND	ND	ND	ND	ND	ND	ND	4.2	66
09/03/18 10:30 PM	28901	360	1.97	ND	ND	ND	ND	ND	ND	ND	3.6	74
09/03/18 11:00 PM	28968	363	2.02	ND	ND	ND	ND	ND	ND	ND		
09/03/18 11:30 PM	28968	365	2.00	ND	0.00189	ND	ND	ND	ND	ND		
09/04/18 12:00 AM	28451	365	2.02	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	27849	359	1.98	BDL	0.00008	BDL	BDL	BDL	BDL	BDL	4.4	96
Maximum Value	29800	373	2.19	BDL	0.00189	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/04/18 12:30 AM	28273	368	2.01	ND	ND	ND	ND	ND	ND	ND	3.2	66
09/04/18 01:00 AM	28167	369	2.06	ND	ND	ND	ND	ND	ND	ND	3.2	63
09/04/18 01:30 AM	28259	370	2.13	ND	0.00179	ND	ND	ND	ND	ND	3.6	65
09/04/18 02:00 AM	28160	370	2.15	ND	0.00568	ND	ND	ND	ND	ND	3.8	58
09/04/18 02:30 AM	27721	363	2.03	ND	ND	ND	ND	ND	ND	ND	2.8	59
09/04/18 03:00 AM	27388	365	2.03	ND	ND	ND	ND	ND	ND	ND	3.1	58
09/04/18 03:30 AM	27396	372	2.13	ND	ND	ND	ND	ND	ND	ND	3.3	69
09/04/18 04:00 AM	27337	372	2.26	ND	ND	ND	ND	ND	ND	ND	4.1	73
09/04/18 04:30 AM	27555	379	2.15	ND	ND	ND	ND	ND	ND	ND	3.8	67
09/04/18 05:00 AM	27752	377	2.23	ND	ND	ND	ND	ND	ND	ND	3.0	66
09/04/18 05:30 AM	27778	377	2.21	ND	0.00268	ND	ND	ND	ND	ND	2.8	58
09/04/18 06:00 AM	27697	382	2.17	ND	ND	ND	ND	ND	ND	ND	2.9	58
09/04/18 06:30 AM	27332	390	2.16	ND	0.00660	ND	ND	ND	ND	ND	3.7	58
09/04/18 07:00 AM	27092	392	2.16	ND	ND	ND	ND	ND	ND	ND	4.3	60
09/04/18 07:30 AM	27016	391	2.13	ND	0.00199	ND	ND	ND	ND	ND	2.9	47
09/04/18 08:00 AM	26887	387	2.16	ND	0.00154	ND	ND	0.00258	ND	ND	4.3	69
09/04/18 08:30 AM	26191	368	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	71
09/04/18 09:00 AM	26489	366	2.04	ND	ND	ND	ND	ND	ND	ND	4.7	64
09/04/18 09:30 AM	27082	364	2.04	ND	ND	ND	ND	ND	ND	ND	5.0	62
09/04/18 10:00 AM	27213	357	2.00	ND	ND	ND	ND	ND	ND	ND	5.1	80
09/04/18 10:30 AM	26246	365	2.01	ND	ND	ND	ND	ND	ND	ND	4.8	54
09/04/18 11:00 AM	25925	365	2.02	ND	ND	ND	ND	ND	ND	ND	5.1	63
09/04/18 11:30 AM	25619	364	2.02	ND	ND	ND	ND	ND	ND	ND	5.3	74
09/04/18 12:00 PM	25970	366	2.00	ND	ND	ND	ND	ND	ND	ND	4.7	66
09/04/18 12:30 PM	25330	368	2.02	ND	ND	ND	ND	ND	ND	ND	4.2	79
09/04/18 01:00 PM	25137	369	2.02	ND	ND	ND	ND	ND	ND	ND	4.5	71
09/04/18 01:30 PM	24980	369	2.02	ND	ND	ND	ND	0.00321	ND	ND	5.5	75
09/04/18 02:00 PM	25043	366	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	97
09/04/18 02:30 PM	26274	366	2.00	ND	ND	ND	ND	ND	ND	ND	6.2	85
09/04/18 03:00 PM	26141	365	1.97	ND	ND	ND	ND	ND	ND	ND	6.7	88
09/04/18 03:30 PM	25656	367	1.97	ND	ND	ND	ND	ND	ND	ND	6.5	98
09/04/18 04:00 PM	25473	365	1.97	ND	ND	ND	ND	ND	ND	ND	7.2	89
09/04/18 04:30 PM	26503	365	2.00	ND	ND	ND	ND	ND	ND	ND	6.9	75
09/04/18 05:00 PM	27002	365	1.98	ND	ND	ND	ND	ND	ND	ND	7.1	76
09/04/18 05:30 PM	26800	364	1.99	ND	ND	ND	ND	ND	ND	ND	6.3	78
09/04/18 06:00 PM	27431	363	1.99	ND	ND	ND	ND	ND	ND	ND	6.0	72
09/04/18 06:30 PM	27441	364	1.98	ND	ND	ND	ND	ND	ND	ND	6.6	67
09/04/18 07:00 PM	26830	364	1.98	ND	ND	ND	ND	ND	ND	ND	5.9	68
09/04/18 07:30 PM	27755	363	1.98	ND	ND	ND	ND	ND	ND	ND	5.6	76
09/04/18 08:00 PM	27846	366	2.00	ND	ND	ND	ND	ND	ND	ND	5.4	65
09/04/18 08:30 PM	28127	366	2.02	ND	ND	ND	ND	ND	ND	ND	5.2	59
09/04/18 09:00 PM	28322	367	2.02	ND	ND	ND	ND	ND	ND	ND	5.6	61
09/04/18 09:30 PM	27622	366	2.00	ND	ND	ND	ND	ND	ND	ND	4.6	65
09/04/18 10:00 PM	28065	373	2.05	ND	ND	ND	ND	ND	ND	ND	4.5	55
09/04/18 10:30 PM	28141	376	2.12	ND	ND	ND	ND	ND	ND	ND	4.3	57
09/04/18 11:00 PM	28108	370	2.07	ND	ND	ND	ND	ND	ND	ND	5.1	51
09/04/18 11:30 PM	28363	371	2.09	ND	ND	ND	ND	ND	ND	ND	4.1	47
09/05/18 12:00 AM	28156	376	2.14	ND	ND	ND	ND	ND	ND	ND	4.6	51

## Daily Processed Summary (Average, Maximum)

Average	27064	370	2.06	BDL	0.00042	BDL	BDL	BDL	0.00012	BDL	4.6	69
Maximum Value	28363	392	2.26	BDL	0.00660	BDL	BDL	BDL	0.00321	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/05/18 12:30 AM	28164	377	2.14	ND	ND	ND	ND	ND	ND	ND	4.9	52
09/05/18 01:00 AM	28230	377	2.12	ND	ND	ND	ND	ND	ND	ND	4.6	52
09/05/18 01:30 AM	28369	373	2.12	ND	ND	ND	ND	ND	ND	ND	4.0	51
09/05/18 02:00 AM	28021	373	2.11	ND	ND	ND	ND	ND	ND	ND	4.5	52
09/05/18 02:30 AM	27714	376	2.10	ND	ND	ND	ND	ND	ND	ND	3.9	54
09/05/18 03:00 AM	27642	378	2.09	ND	ND	ND	ND	ND	ND	ND	3.9	57
09/05/18 03:30 AM	27515	383	2.14	ND	ND	ND	ND	ND	ND	ND	3.5	53
09/05/18 04:00 AM	27342	375	2.16	ND	ND	ND	ND	ND	ND	ND	3.5	26
09/05/18 04:30 AM	27698	378	2.16	ND	ND	ND	ND	ND	ND	ND	3.2	26
09/05/18 05:00 AM	27366	377	2.17	ND	ND	ND	ND	ND	ND	ND	4.2	31
09/05/18 05:30 AM	27257	375	2.18	ND	ND	ND	ND	ND	ND	ND	4.2	34
09/05/18 06:00 AM	27600	381	2.15	ND	ND	ND	ND	ND	ND	ND	3.2	50
09/05/18 06:30 AM	27370	374	2.16	ND	ND	ND	ND	ND	ND	ND	4.1	32
09/05/18 07:00 AM	26942	376	2.18	ND	ND	ND	ND	ND	ND	ND	3.7	29
09/05/18 07:30 AM	26706	372	2.18	ND	ND	ND	ND	ND	ND	ND	3.3	108
09/05/18 08:00 AM	26726	376	2.18	ND	ND	ND	ND	ND	ND	ND	2.0	131
09/05/18 08:30 AM	26764	376	2.19	ND	ND	ND	ND	ND	ND	ND	3.0	22
09/05/18 09:00 AM	26881	373	2.18	ND	ND	ND	ND	ND	ND	ND	2.8	73
09/05/18 09:30 AM	26509	365	2.08	0.00240	ND	ND	ND	ND	ND	ND	2.3	216
09/05/18 10:00 AM	26904	364	2.09	ND	ND	ND	ND	ND	ND	ND	2.9	161
09/05/18 10:30 AM	27895	366	2.07	ND	ND	ND	ND	ND	ND	ND	3.1	83
09/05/18 11:00 AM	27673	364	2.05	ND	ND	ND	ND	ND	ND	ND	3.4	79
09/05/18 11:30 AM	27773	372	2.07	ND	ND	ND	ND	ND	ND	ND	2.4	250
09/05/18 12:00 PM	28219	376	2.09	ND	ND	ND	ND	ND	ND	ND	3.1	250
09/05/18 12:30 PM	28256	375	2.09	ND	ND	ND	ND	ND	ND	ND	3.2	237
09/05/18 01:00 PM	28485	374	2.09	ND	ND	ND	ND	ND	ND	ND	4.0	248
09/05/18 01:30 PM	26413	327	1.96	ND	ND	ND	ND	ND	ND	ND	5.5	241
09/05/18 02:00 PM	26483	320	1.95	ND	ND	ND	ND	ND	ND	ND	3.1	204
09/05/18 02:30 PM	27658	363	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	146
09/05/18 03:00 PM	26300	372	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	231
09/05/18 03:30 PM	27084	371	2.03	ND	ND	ND	ND	ND	ND	ND	4.2	100
09/05/18 04:00 PM	28074	365	2.01	ND	ND	ND	ND	ND	ND	ND	6.7	113
09/05/18 04:30 PM	27943	365	2.02	ND	ND	ND	ND	ND	ND	ND	6.9	100
09/05/18 05:00 PM	28256	368	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	84
09/05/18 05:30 PM	28272	367	2.03	ND	ND	ND	ND	ND	ND	ND	5.8	85
09/05/18 06:00 PM	28398	369	2.02	ND	ND	ND	ND	ND	ND	ND	6.3	67
09/05/18 06:30 PM	28289	369	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	69
09/05/18 07:00 PM	28197	371	2.04	ND	ND	ND	ND	ND	ND	ND	5.2	74
09/05/18 07:30 PM	27688	372	2.03	ND	ND	ND	ND	ND	ND	ND	4.9	84
09/05/18 08:00 PM	28370	372	2.05	ND	ND	ND	ND	ND	ND	ND	3.8	86
09/05/18 08:30 PM	28488	372	2.03	ND	ND	ND	ND	ND	ND	ND	4.4	79
09/05/18 09:00 PM	28228	371	2.01	ND	ND	ND	ND	ND	ND	ND	4.4	98
09/05/18 09:30 PM	28259	370	2.00	ND	ND	ND	ND	ND	ND	ND	4.6	105
09/05/18 10:00 PM	28282	373	2.01	ND	ND	ND	ND	ND	ND	ND	4.0	109
09/05/18 10:30 PM	27969	375	2.02	ND	ND	ND	ND	ND	ND	ND	2.9	99
09/05/18 11:00 PM	28102	377	2.06	ND	ND	ND	ND	ND	ND	ND	2.8	88
09/05/18 11:30 PM	27939	378	2.11	ND	ND	ND	ND	ND	ND	ND	2.4	82
09/06/18 12:00 AM	27906	378	2.05	ND	ND	ND	ND	ND	ND	ND	1.7	87

Daily Processed Summary (Average, Maximum)

Average	27679	371	2.08	0.00005	BDL	BDL	BDL	BDL	BDL	BDL	2.4	80
Maximum Value	28488	383	2.19	0.00240	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/06/18 12:30 AM	28070	380	2.05	ND	ND	ND	ND	ND	ND	ND	1.5	80
09/06/18 01:00 AM	28102	379	2.10	ND	ND	ND	ND	ND	ND	ND	2.0	81
09/06/18 01:30 AM	28090	380	2.17	ND	ND	ND	ND	ND	ND	ND	1.9	83
09/06/18 02:00 AM	28200	385	2.23	ND	ND	ND	ND	ND	ND	ND	2.1	80
09/06/18 02:30 AM	28645	388	2.30	ND	ND	ND	ND	ND	ND	ND	1.9	107
09/06/18 03:00 AM	28688	388	2.22	ND	ND	ND	ND	ND	ND	ND	2.3	77
09/06/18 03:30 AM	28439	390	2.24	ND	ND	ND	ND	ND	ND	ND	2.2	83
09/06/18 04:00 AM	28423	390	2.24	ND	ND	ND	ND	ND	ND	ND	2.0	72
09/06/18 04:30 AM	28284	391	2.29	ND	ND	ND	ND	ND	ND	ND	1.2	187
09/06/18 05:00 AM	28101	393	2.20	ND	ND	ND	ND	0.00948	ND	ND	1.1	272
09/06/18 05:30 AM	27386	406	2.57	ND	ND	ND	ND	ND	ND	ND	2.2	126
09/06/18 06:00 AM	25674	370	2.08	ND	ND	ND	ND	ND	ND	ND	4.3	71
09/06/18 06:30 AM	24803	366	2.00	ND	ND	ND	ND	ND	ND	ND	3.5	169
09/06/18 07:00 AM	25519	365	2.01	ND	0.00106	ND	ND	ND	ND	ND	2.1	110
09/06/18 07:30 AM	26119	375	2.01	ND	0.00149	ND	ND	ND	ND	ND	2.5	180
09/06/18 08:00 AM	26474	375	2.06	ND	0.00458	ND	ND	ND	ND	ND	3.7	45
09/06/18 08:30 AM	25157	355	1.97	ND	ND	ND	ND	ND	ND	ND	4.1	59
09/06/18 09:00 AM	25621	371	2.01	ND	0.00870	ND	ND	ND	ND	ND	4.5	51
09/06/18 09:30 AM	24820	373	2.04	ND	0.00487	ND	ND	ND	ND	ND	3.7	35
09/06/18 10:00 AM	25579	374	2.07	ND	ND	ND	ND	ND	ND	ND	2.6	14
09/06/18 10:30 AM	26042	377	2.05	ND	ND	ND	ND	ND	ND	ND	2.1	151
09/06/18 11:00 AM	26229	362	2.02	ND	ND	ND	ND	ND	ND	ND	5.5	154
09/06/18 11:30 AM	25425	345	1.97	ND	ND	ND	ND	ND	ND	ND	3.4	203
09/06/18 12:00 PM	25780	359	2.03	ND	ND	ND	ND	ND	ND	ND	1.6	259
09/06/18 12:30 PM	26204	369	2.03	ND	ND	ND	ND	ND	ND	ND	1.5	160
09/06/18 01:00 PM	26160	370	2.03	ND	ND	ND	ND	ND	ND	ND	1.6	200
09/06/18 01:30 PM	26390	367	2.03	ND	ND	ND	ND	ND	ND	ND	2.6	211
09/06/18 02:00 PM	26448	372	2.10	ND	ND	ND	ND	ND	ND	ND	1.7	123
09/06/18 02:30 PM	26323	375	2.06	ND	ND	ND	ND	ND	ND	ND	3.1	52
09/06/18 03:00 PM	26143	376	2.07	ND	0.00383	ND	ND	ND	ND	ND	2.2	124
09/06/18 03:30 PM	25924	375	2.08	ND	ND	ND	ND	ND	ND	ND	3.0	61
09/06/18 04:00 PM	26207	371	2.08	ND	ND	ND	ND	ND	ND	ND	2.8	81
09/06/18 04:30 PM	26326	375	2.10	ND	ND	ND	ND	ND	ND	ND	2.9	65
09/06/18 05:00 PM	26389	373	2.10	ND	ND	ND	ND	ND	ND	ND	2.5	80
09/06/18 05:30 PM	26642	373	2.09	ND	ND	ND	ND	ND	ND	ND	1.1	181
09/06/18 06:00 PM	26816	374	2.09	ND	ND	ND	ND	ND	ND	ND	2.0	71
09/06/18 06:30 PM	27018	371	2.07	ND	ND	ND	ND	ND	ND	ND	3.3	78
09/06/18 07:00 PM	27011	369	2.06	ND	ND	ND	ND	ND	ND	ND	3.4	91
09/06/18 07:30 PM	27029	372	2.09	ND	ND	ND	ND	ND	ND	ND	3.6	81
09/06/18 08:00 PM	27258	374	2.14	ND	ND	ND	ND	ND	ND	ND	2.9	85
09/06/18 08:30 PM	27440	376	2.12	ND	ND	ND	ND	ND	ND	ND	2.8	72
09/06/18 09:00 PM	27589	378	2.14	ND	ND	ND	ND	ND	ND	ND	2.2	87
09/06/18 09:30 PM	27483	378	2.17	ND	ND	ND	ND	ND	ND	ND	2.2	87
09/06/18 10:00 PM	27381	375	2.07	ND	ND	ND	ND	ND	ND	ND	2.8	89
09/06/18 10:30 PM	27244	378	2.06	ND	ND	ND	ND	ND	ND	ND	2.8	86
09/06/18 11:00 PM	27411	381	2.12	ND	ND	ND	ND	ND	ND	ND	2.2	91
09/06/18 11:30 PM	27783	383	2.17	0.00186	ND	ND	ND	ND	ND	ND	2.3	91
09/07/18 12:00 AM	27781	387	2.16	ND	ND	ND	ND	ND	ND	ND	2.2	68

Daily Processed Summary (Average, Maximum)

Average	26835	376	2.11	0.00004	0.00051	BDL	BDL	BDL	BDL	0.00020	BDL	1.8	91
Maximum Value	28688	406	2.57	0.00186	0.00870	BDL	BDL	BDL	BDL	0.00948	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/07/18 12:30 AM	27689	388	2.18	0.00205	ND	ND	ND	ND	ND	ND	1.8	92
09/07/18 01:00 AM	28018	387	2.19	ND	ND	ND	ND	ND	ND	ND	1.3	76
09/07/18 01:30 AM	28226	387	2.15	ND	ND	ND	ND	ND	ND	ND	2.3	69
09/07/18 02:00 AM	28008	387	2.23	ND	ND	ND	ND	ND	ND	ND	2.1	106
09/07/18 02:30 AM	28521	381	2.16	ND	ND	ND	ND	ND	ND	ND	2.5	131
09/07/18 03:00 AM	29129	373	2.11	ND	ND	ND	ND	ND	ND	ND	2.6	123
09/07/18 03:30 AM	29295	376	2.09	ND	ND	ND	ND	ND	ND	ND	1.9	142
09/07/18 04:00 AM	29271	379	2.12	ND	ND	ND	ND	ND	ND	ND	1.9	124
09/07/18 04:30 AM	29202	380	2.10	ND	ND	ND	ND	ND	ND	ND	1.3	113
09/07/18 05:00 AM	29225	381	2.33	ND	ND	ND	ND	ND	ND	ND	1.0	126
09/07/18 05:30 AM	29160	381	2.14	ND	ND	ND	ND	ND	0.00223	ND	1.6	114
09/07/18 06:00 AM	29223	384	2.15	ND	ND	ND	ND	ND	ND	ND	1.7	96
09/07/18 06:30 AM	28886	390	2.49	ND	ND	ND	ND	ND	ND	ND	1.4	113
09/07/18 07:00 AM	28656	389	2.43	ND	ND	ND	ND	ND	ND	ND	1.7	112
09/07/18 07:30 AM	28650	389	2.34	ND	ND	ND	ND	ND	ND	ND	1.2	131
09/07/18 08:00 AM	28511	388	2.41	0.00180	ND	ND	ND	ND	ND	ND	1.5	113
09/07/18 08:30 AM	28740	391	2.19	ND	0.00795	ND	ND	ND	ND	ND	1.4	84
09/07/18 09:00 AM	29244	398	2.24	ND	ND	ND	ND	ND	ND	ND	2.3	98
09/07/18 09:30 AM	29058	381	2.10	ND	ND	ND	ND	ND	ND	ND	4.1	113
09/07/18 10:00 AM	28785	379	2.04	ND	ND	ND	ND	ND	ND	ND	3.2	132
09/07/18 10:30 AM	28060	379	2.05	ND	ND	ND	ND	ND	ND	ND	2.7	188
09/07/18 11:00 AM	27740	379	2.04	ND	ND	ND	ND	ND	ND	ND	2.0	177
09/07/18 11:30 AM	28204	378	2.03	ND	ND	ND	ND	ND	ND	ND	3.5	100
09/07/18 12:00 PM	27021	363	1.98	ND	ND	ND	ND	ND	ND	ND	4.1	138
09/07/18 12:30 PM	25619	326	1.87	ND	ND	ND	ND	ND	ND	ND	5.7	189
09/07/18 01:00 PM	23774	329	1.88	ND	ND	ND	ND	ND	ND	ND	3.2	190
09/07/18 01:30 PM	25604	322	1.89	ND	ND	ND	ND	ND	ND	ND	5.1	127
09/07/18 02:00 PM	25470	318	1.85	ND	ND	ND	ND	ND	ND	ND	6.3	118
09/07/18 02:30 PM	25804	319	1.86	ND	ND	ND	ND	ND	ND	ND	6.3	118
09/07/18 03:00 PM	25714	316	1.85	ND	ND	ND	ND	ND	ND	ND	8.0	110
09/07/18 03:30 PM	25961	312	1.85	ND	ND	ND	ND	ND	ND	ND	9.1	118
09/07/18 04:00 PM	25530	314	1.83	ND	ND	ND	ND	ND	ND	ND	8.8	117
09/07/18 04:30 PM	25703	315	1.84	ND	ND	ND	ND	ND	ND	ND	8.3	115
09/07/18 05:00 PM	26010	315	1.86	ND	ND	ND	ND	ND	ND	ND	8.5	117
09/07/18 05:30 PM	25537	315	1.87	ND	ND	ND	ND	ND	ND	ND	8.6	117
09/07/18 06:00 PM	25228	319	1.87	ND	ND	ND	ND	ND	ND	ND	8.5	111
09/07/18 06:30 PM	25442	317	1.88	ND	ND	ND	ND	ND	ND	ND	8.1	117
09/07/18 07:00 PM	25504	318	1.90	ND	ND	ND	ND	ND	ND	ND	6.8	124
09/07/18 07:30 PM	25758	318	1.88	ND	ND	ND	ND	ND	ND	ND	6.2	123
09/07/18 08:00 PM	25106	319	1.89	ND	ND	ND	ND	ND	ND	ND	6.2	130
09/07/18 08:30 PM	25578	322	1.92	ND	ND	ND	ND	ND	ND	ND	5.3	129
09/07/18 09:00 PM	26093	317	1.89	ND	ND	ND	ND	ND	ND	ND	6.3	122
09/07/18 09:30 PM	26468	319	1.94	ND	ND	ND	ND	ND	ND	ND	4.4	124
09/07/18 10:00 PM	25910	319	1.94	ND	ND	ND	ND	ND	ND	ND	5.1	123
09/07/18 10:30 PM	25332	319	1.93	ND	ND	ND	ND	ND	ND	ND	5.0	132
09/07/18 11:00 PM	26442	317	1.92	ND	ND	ND	ND	ND	ND	ND	4.9	139
09/07/18 11:30 PM	26518	317	1.93	ND	ND	ND	ND	ND	ND	ND	4.3	137
09/08/18 12:00 AM	26492	321	1.95	ND	ND	ND	ND	ND	ND	ND	4.0	140

Daily Processed Summary (Average, Maximum)

Average	27148	351	2.03	0.00008	BDL	0.00017	BDL	BDL	0.00005	BDL	4.0	123
Maximum Value	29295	398	2.49	0.00205	BDL	0.00795	BDL	BDL	0.00223	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/08/18 12:30 AM	26688	321	1.94	ND	ND	ND	ND	ND	ND	ND	4.0	138
09/08/18 01:00 AM	26858	320	1.90	ND	ND	ND	ND	ND	ND	ND	4.2	139
09/08/18 01:30 AM	26838	316	1.94	ND	ND	ND	ND	ND	ND	ND	4.4	137
09/08/18 02:00 AM	26731	315	1.95	ND	ND	ND	ND	ND	ND	ND	4.1	134
09/08/18 02:30 AM	26791	319	1.98	ND	ND	ND	ND	ND	ND	ND	3.7	137
09/08/18 03:00 AM	26914	320	1.95	ND	ND	ND	ND	ND	ND	ND	3.1	141
09/08/18 03:30 AM	26660	321	2.00	ND	ND	ND	ND	ND	ND	ND	2.0	148
09/08/18 04:00 AM	26664	322	2.00	ND	ND	ND	ND	ND	ND	ND	2.5	133
09/08/18 04:30 AM	26835	323	2.04	ND	ND	ND	ND	ND	ND	ND	2.1	113
09/08/18 05:00 AM	27183	324	2.21	ND	ND	ND	ND	ND	ND	ND	2.2	112
09/08/18 05:30 AM	27059	324	2.05	ND	ND	ND	ND	ND	ND	ND	1.7	104
09/08/18 06:00 AM	27152	319	2.03	ND	ND	ND	ND	ND	ND	ND	2.4	117
09/08/18 06:30 AM	27202	323	2.03	ND	ND	ND	ND	ND	ND	ND	2.5	153
09/08/18 07:00 AM	27068	323	2.10	ND	ND	ND	ND	ND	ND	ND	2.3	159
09/08/18 07:30 AM	27066	323	2.17	ND	ND	ND	ND	ND	ND	ND	2.0	160
09/08/18 08:00 AM	27119	322	2.20	ND	ND	ND	ND	ND	ND	ND	2.0	156
09/08/18 08:30 AM	27174	319	1.93	ND	ND	ND	ND	ND	ND	ND	3.6	142
09/08/18 09:00 AM	26770	313	1.92	ND	ND	ND	ND	ND	ND	ND	4.6	143
09/08/18 09:30 AM	26086	312	1.86	ND	ND	ND	ND	ND	ND	ND	5.4	140
09/08/18 10:00 AM	26553	314	1.87	ND	ND	ND	ND	ND	ND	ND	5.0	139
09/08/18 10:30 AM	26322	313	1.86	ND	ND	ND	ND	ND	ND	ND	5.8	117
09/08/18 11:00 AM	26070	321	1.88	ND	ND	ND	ND	ND	ND	ND	5.3	153
09/08/18 11:30 AM	25363	316	1.83	ND	ND	ND	ND	ND	ND	ND	6.5	112
09/08/18 12:00 PM	24838	317	1.86	ND	ND	ND	ND	ND	ND	ND	7.0	111
09/08/18 12:30 PM	25045	317	1.84	ND	ND	ND	ND	ND	ND	ND	7.6	115
09/08/18 01:00 PM	24796	320	1.90	ND	ND	ND	ND	ND	ND	ND	7.4	121
09/08/18 01:30 PM	25174	318	1.88	ND	ND	ND	ND	ND	ND	ND	8.2	115
09/08/18 02:00 PM	25451	316	1.84	ND	ND	ND	ND	ND	ND	ND	8.3	118
09/08/18 02:30 PM	25673	315	1.82	ND	ND	ND	ND	ND	ND	ND	8.8	118
09/08/18 03:00 PM	25503	316	1.83	ND	ND	ND	ND	ND	ND	ND	8.6	114
09/08/18 03:30 PM	25540	316	1.83	ND	ND	ND	ND	ND	ND	ND	8.3	111
09/08/18 04:00 PM	25179	316	1.81	ND	ND	ND	ND	ND	ND	ND	9.1	115
09/08/18 04:30 PM	25665	316	1.79	ND	ND	ND	ND	ND	ND	ND	8.7	111
09/08/18 05:00 PM	25761	314	1.83	ND	ND	ND	ND	ND	ND	ND	8.9	114
09/08/18 05:30 PM	25202	315	1.85	ND	ND	ND	ND	ND	ND	ND	8.1	114
09/08/18 06:00 PM	25252	317	1.85	ND	ND	ND	ND	ND	ND	ND	7.8	115
09/08/18 06:30 PM	25622	314	1.87	ND	ND	ND	ND	ND	ND	ND	7.3	113
09/08/18 07:00 PM	25893	313	1.86	ND	ND	ND	ND	ND	ND	ND	7.2	112
09/08/18 07:30 PM	25674	312	1.85	ND	ND	ND	ND	ND	ND	ND	6.3	111
09/08/18 08:00 PM	25605	318	1.90	ND	ND	ND	ND	ND	ND	ND	4.9	115
09/08/18 08:30 PM	25768	321	1.88	ND	ND	ND	ND	ND	ND	ND	4.6	112
09/08/18 09:00 PM	25648	318	1.90	ND	ND	ND	ND	ND	ND	ND	4.5	115
09/08/18 09:30 PM	25594	320	1.89	ND	ND	ND	ND	ND	ND	ND	4.1	113
09/08/18 10:00 PM	25264	321	1.86	ND	ND	ND	ND	ND	ND	ND	3.8	105
09/08/18 10:30 PM	25668	324	1.89	ND	ND	ND	ND	ND	ND	ND	2.9	90
09/08/18 11:00 PM	26229	328	1.91	ND	ND	ND	ND	ND	ND	ND	2.6	81
09/08/18 11:30 PM	26186	327	2.05	ND	ND	ND	ND	ND	ND	ND	2.2	96
09/09/18 12:00 AM	26318	327	1.94	ND	ND	ND	ND	ND	ND	ND	1.9	64

Daily Processed Summary (Average, Maximum)

Average	26119	319	1.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.8	120
Maximum Value	27202	328	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/09/18 12:30 AM	25907	328	1.95	ND	ND	ND	ND	ND	ND	ND	1.9	72
09/09/18 01:00 AM	25893	329	1.95	ND	ND	ND	ND	ND	ND	ND	0.9	140
09/09/18 01:30 AM	25979	334	1.99	ND	ND	ND	ND	ND	ND	ND	1.2	262
09/09/18 02:00 AM	26920	338	2.05	ND	ND	ND	ND	ND	ND	ND	2.0	288
09/09/18 02:30 AM	27340	335	2.42	ND	ND	ND	ND	ND	ND	ND	1.8	256
09/09/18 03:00 AM	26968	335	2.34	ND	ND	ND	ND	ND	ND	ND	2.2	235
09/09/18 03:30 AM	26630	331	2.10	ND	ND	ND	ND	ND	ND	ND	2.7	55
09/09/18 04:00 AM	25990	328	2.01	ND	ND	ND	ND	ND	ND	ND	2.2	97
09/09/18 04:30 AM	25681	325	2.04	ND	ND	ND	ND	ND	ND	ND	3.0	101
09/09/18 05:00 AM	25875	333	2.12	ND	ND	ND	ND	ND	ND	ND	2.0	121
09/09/18 05:30 AM	25966	335	2.14	ND	ND	ND	ND	ND	ND	ND	0.9	151
09/09/18 06:00 AM	25841	337	2.18	ND	ND	ND	ND	ND	ND	ND	1.8	69
09/09/18 06:30 AM	25671	336	2.16	ND	ND	ND	ND	ND	ND	ND	2.3	81
09/09/18 07:00 AM	25552	339	2.26	ND	ND	ND	ND	ND	ND	ND	1.4	121
09/09/18 07:30 AM	25667	339	2.21	ND	ND	ND	ND	ND	ND	ND	1.8	48
09/09/18 08:00 AM	25589	338	2.17	ND	ND	ND	ND	ND	ND	ND	1.2	175
09/09/18 08:30 AM	26076	338	2.19	ND	ND	ND	ND	ND	ND	ND	1.9	217
09/09/18 09:00 AM	25647	305	1.98	ND	ND	ND	ND	ND	ND	ND	5.9	257
09/09/18 09:30 AM	24424	305	1.81	ND	ND	ND	ND	ND	ND	ND	2.9	218
09/09/18 10:00 AM	24666	310	1.81	ND	ND	ND	ND	ND	ND	ND	2.6	218
09/09/18 10:30 AM	24631	304	1.93	ND	ND	ND	ND	ND	ND	ND	1.7	104
09/09/18 11:00 AM	24680	316	1.92	ND	ND	ND	ND	ND	ND	ND	1.4	217
09/09/18 11:30 AM	25918	319	1.87	ND	ND	ND	ND	ND	ND	ND	1.8	303
09/09/18 12:00 PM	25606	311	1.83	ND	ND	ND	ND	ND	ND	ND	2.3	315
09/09/18 12:30 PM	25892	313	2.04	ND	ND	ND	ND	ND	ND	ND	2.5	337
09/09/18 01:00 PM	26283	325	1.96	ND	ND	ND	ND	ND	ND	ND	3.7	344
09/09/18 01:30 PM	26073	330	1.98	ND	ND	ND	ND	ND	ND	ND	4.9	346
09/09/18 02:00 PM	25770	327	1.91	ND	ND	ND	ND	ND	ND	ND	3.5	337
09/09/18 02:30 PM	25804	326	1.92	ND	ND	ND	ND	ND	ND	ND	4.6	348
09/09/18 03:00 PM	25515	325	1.92	ND	ND	ND	ND	ND	ND	ND	5.0	287
09/09/18 03:30 PM	24908	324	1.90	ND	ND	ND	ND	ND	ND	ND	5.2	344
09/09/18 04:00 PM	24756	323	1.89	ND	ND	ND	ND	ND	ND	ND	5.5	350
09/09/18 04:30 PM	24740	328	1.89	ND	ND	ND	ND	ND	ND	ND	4.2	22
09/09/18 05:00 PM	25011	331	1.89	ND	ND	ND	ND	ND	ND	ND	3.6	191
09/09/18 05:30 PM	25338	329	1.88	ND	ND	ND	ND	ND	ND	ND	3.0	338
09/09/18 06:00 PM	25294	327	1.84	ND	ND	ND	ND	ND	ND	ND	2.5	332
09/09/18 06:30 PM	25231	328	1.87	ND	ND	ND	ND	ND	ND	ND	2.5	339
09/09/18 07:00 PM	25332	328	1.86	ND	ND	ND	ND	ND	ND	ND	2.7	328
09/09/18 07:30 PM	25764	329	1.88	ND	ND	ND	ND	ND	ND	ND	1.9	321
09/09/18 08:00 PM	25738	330	1.86	ND	ND	ND	ND	ND	ND	ND	1.8	300
09/09/18 08:30 PM	26089	330	1.90	ND	ND	ND	ND	ND	ND	ND	2.6	326
09/09/18 09:00 PM	25747	332	1.94	ND	ND	ND	ND	ND	ND	ND	4.3	190
09/09/18 09:30 PM	25483	322	1.91	ND	ND	ND	ND	ND	ND	ND	3.4	152
09/09/18 10:00 PM	25817	323	1.96	ND	ND	ND	ND	ND	ND	ND	2.7	98
09/09/18 10:30 PM	25496	322	1.97	ND	ND	ND	ND	ND	ND	ND	3.2	81
09/09/18 11:00 PM	24925	325	1.93	ND	ND	ND	ND	ND	ND	ND	3.9	65
09/09/18 11:30 PM	24642	331	1.96	ND	ND	ND	ND	ND	ND	ND	4.3	65
09/10/18 12:00 AM	24525	329	1.97	ND	ND	ND	ND	ND	ND	ND	4.7	60

Daily Processed Summary (Average, Maximum)

Average	25610	327	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	354
Maximum Value	27340	339	2.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/10/18 12:30 AM	24461	333	2.02	ND	ND	ND	ND	ND	ND	ND	5.4	53
09/10/18 01:00 AM	23933	331	2.01	ND	ND	ND	ND	ND	ND	ND	4.2	54
09/10/18 01:30 AM	23273	331	1.95	ND	ND	ND	ND	ND	ND	ND	3.2	40
09/10/18 02:00 AM	23325	332	2.02	ND	ND	ND	ND	ND	ND	ND	2.7	84
09/10/18 02:30 AM	24322	333	2.03	ND	ND	ND	ND	ND	ND	ND	4.1	350
09/10/18 03:00 AM	24102	331	2.07	ND	ND	ND	ND	ND	ND	ND	5.1	352
09/10/18 03:30 AM	23233	326	2.08	ND	ND	ND	ND	ND	ND	ND	4.6	6
09/10/18 04:00 AM	23876	331	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	12
09/10/18 04:30 AM	24089	332	2.12	ND	ND	ND	ND	ND	ND	ND	5.3	25
09/10/18 05:00 AM	23830	329	2.09	ND	ND	ND	ND	ND	ND	ND	4.8	35
09/10/18 05:30 AM	23784	328	2.11	ND	ND	ND	ND	ND	ND	ND	4.8	27
09/10/18 06:00 AM	24419	332	2.09	ND	ND	ND	ND	ND	ND	ND	4.2	7
09/10/18 06:30 AM	24381	331	2.08	ND	ND	ND	ND	ND	ND	ND	4.4	293
09/10/18 07:00 AM	24265	328	2.10	ND	ND	ND	ND	ND	ND	ND	4.8	295
09/10/18 07:30 AM	24417	330	2.11	ND	ND	ND	ND	ND	ND	ND	4.2	125
09/10/18 08:00 AM	24162	329	2.11	ND	ND	ND	ND	ND	ND	ND	5.3	29
09/10/18 08:30 AM	24203	324	2.14	ND	ND	ND	ND	ND	ND	ND	5.1	33
09/10/18 09:00 AM	24495	325	2.14	ND	ND	ND	ND	ND	ND	ND	4.1	44
09/10/18 09:30 AM	24236	319	2.18	ND	ND	ND	ND	ND	ND	ND	4.4	55
09/10/18 10:00 AM	23999	311	2.14	ND	ND	ND	ND	ND	ND	ND	3.7	71
09/10/18 10:30 AM	23608	301	2.08	ND	ND	ND	ND	ND	ND	ND	3.5	68
09/10/18 11:00 AM	23224	303	1.95	ND	ND	ND	ND	ND	ND	ND	4.0	70
09/10/18 11:30 AM	22142	310	1.86	ND	ND	ND	ND	ND	ND	ND	4.9	54
09/10/18 12:00 PM	22346	311	1.86	ND	ND	ND	ND	ND	ND	ND	4.2	49
09/10/18 12:30 PM	22666	312	1.86	ND	ND	ND	ND	ND	ND	ND	5.1	41
09/10/18 01:00 PM	23185	317	1.92	ND	ND	ND	ND	ND	ND	ND	4.9	40
09/10/18 01:30 PM	23318	320	1.91	ND	ND	ND	ND	ND	ND	ND	4.5	36
09/10/18 02:00 PM	23628	322	1.90	ND	ND	ND	ND	ND	ND	ND	3.6	42
09/10/18 02:30 PM	23665	319	1.91	ND	ND	ND	ND	ND	ND	ND	3.9	72
09/10/18 03:00 PM	23801	317	1.88	ND	ND	ND	ND	ND	ND	ND	4.8	74
09/10/18 03:30 PM	24003	313	1.87	ND	ND	ND	ND	ND	ND	ND	4.6	51
09/10/18 04:00 PM	23843	318	1.88	ND	ND	ND	ND	ND	ND	ND	3.8	50
09/10/18 04:30 PM	23610	319	1.88	ND	ND	ND	ND	ND	ND	ND	4.9	54
09/10/18 05:00 PM	23582	319	2.75	ND	ND	ND	ND	ND	ND	ND	4.8	42
09/10/18 05:30 PM	23145	321	1.96	ND	ND	ND	ND	ND	ND	ND	5.6	37
09/10/18 06:00 PM	22967	320	1.91	ND	ND	ND	ND	ND	ND	ND	4.1	21
09/10/18 06:30 PM	22329	322	1.90	ND	ND	ND	ND	ND	ND	ND	3.8	65
09/10/18 07:00 PM	22776	323	1.93	ND	ND	ND	ND	ND	ND	ND	3.3	297
09/10/18 07:30 PM	23078	321	1.93	ND	ND	ND	ND	ND	ND	ND	3.7	42
09/10/18 08:00 PM	22601	321	1.97	ND	ND	ND	ND	ND	ND	ND	3.3	67
09/10/18 08:30 PM	23371	324	2.04	ND	ND	ND	ND	ND	ND	ND	4.6	59
09/10/18 09:00 PM	23547	323	2.03	ND	ND	ND	ND	ND	ND	ND	4.0	43
09/10/18 09:30 PM	24042	321	2.03	ND	ND	ND	ND	ND	ND	ND	4.3	47
09/10/18 10:00 PM	24182	322	1.99	ND	ND	ND	ND	ND	ND	ND	4.4	36
09/10/18 10:30 PM	24053	322	1.98	ND	ND	ND	ND	ND	ND	ND	4.8	29
09/10/18 11:00 PM	23618	323	1.98	ND	ND	ND	ND	ND	ND	ND	5.2	36
09/10/18 11:30 PM	23295	317	1.96	ND	ND	ND	ND	ND	ND	ND	4.2	60
09/11/18 12:00 AM	23194	311	1.91	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	23617	322	2.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.7	40
Maximum Value	24495	333	2.75	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/11/18 12:30 AM	21890	319	1.90	ND	ND	ND	ND	ND	ND	ND	3.5	42
09/11/18 01:00 AM	22055	321	1.93	ND	ND	ND	ND	ND	ND	ND	3.4	71
09/11/18 01:30 AM	22504	322	1.95	ND	ND	ND	ND	ND	ND	ND	4.5	36
09/11/18 02:00 AM	23354	320	2.00	ND	ND	ND	ND	ND	ND	ND	5.2	35
09/11/18 02:30 AM	23502	321	1.99	ND	ND	ND	ND	ND	ND	ND	5.3	31
09/11/18 03:00 AM	23718	323	2.00	ND	ND	ND	ND	ND	ND	ND	5.7	33
09/11/18 03:30 AM	23965	321	2.01	ND	ND	ND	ND	ND	ND	ND	4.6	33
09/11/18 04:00 AM	23980	320	2.01	ND	ND	ND	ND	ND	ND	ND	5.0	37
09/11/18 04:30 AM	23531	318	1.95	ND	ND	ND	ND	ND	ND	ND	5.2	55
09/11/18 05:00 AM	23540	317	1.94	ND	ND	ND	ND	ND	ND	ND	4.9	51
09/11/18 05:30 AM	23687	317	1.91	ND	ND	ND	ND	ND	ND	ND	5.5	57
09/11/18 06:00 AM	23461	316	1.90	ND	ND	ND	ND	ND	ND	ND	4.6	57
09/11/18 06:30 AM	23483	313	1.89	ND	ND	ND	ND	ND	ND	ND	4.5	70
09/11/18 07:00 AM	23743	314	1.88	ND	ND	ND	ND	ND	ND	ND	3.9	77
09/11/18 07:30 AM	23382	306	1.84	ND	ND	ND	ND	ND	ND	ND	6.2	101
09/11/18 08:00 AM	23624	308	1.85	ND	ND	ND	ND	ND	ND	ND	3.8	86
09/11/18 08:30 AM	24131	311	1.86	ND	ND	ND	ND	ND	ND	ND	3.2	70
09/11/18 09:00 AM	23624	307	1.84	ND	ND	ND	ND	ND	ND	ND	4.1	102
09/11/18 09:30 AM	23517	308	1.89	ND	ND	ND	ND	ND	ND	ND	4.3	103
09/11/18 10:00 AM	23483	310	2.01	ND	ND	ND	ND	ND	ND	ND	3.8	111
09/11/18 10:30 AM	23752	314	1.88	ND	ND	ND	ND	ND	ND	ND	2.9	81
09/11/18 11:00 AM	23539	311	1.89	ND	ND	ND	ND	ND	ND	ND	3.4	98
09/11/18 11:30 AM	23641	305	2.14	ND	ND	ND	ND	ND	ND	ND	3.9	117
09/11/18 12:00 PM	23944	308	1.93	ND	ND	ND	ND	ND	ND	ND	4.2	90
09/11/18 12:30 PM	23792	309	1.89	ND	ND	ND	ND	ND	ND	ND	4.3	81
09/11/18 01:00 PM	23400	311	1.87	ND	ND	ND	ND	ND	ND	ND	4.6	85
09/11/18 01:30 PM	23183	312	1.87	ND	ND	ND	ND	ND	ND	ND	4.6	82
09/11/18 02:00 PM	23584	313	1.85	ND	ND	ND	ND	ND	ND	ND	4.8	86
09/11/18 02:30 PM	23860	308	1.81	ND	ND	ND	ND	ND	ND	ND	5.6	87
09/11/18 03:00 PM	23761	306	1.82	ND	ND	ND	ND	ND	ND	ND	6.1	85
09/11/18 03:30 PM	23905	310	1.85	ND	ND	ND	ND	ND	ND	ND	5.9	71
09/11/18 04:00 PM	23536	314	1.86	ND	ND	ND	ND	ND	ND	ND	5.8	67
09/11/18 04:30 PM	23680	315	1.85	ND	ND	ND	ND	ND	ND	ND	5.6	66
09/11/18 05:00 PM	23518	321	1.88	ND	ND	ND	ND	ND	ND	ND	5.5	54
09/11/18 05:30 PM	23594	321	1.90	ND	ND	ND	ND	ND	ND	ND	5.4	49
09/11/18 06:00 PM	23737	316	1.86	ND	ND	ND	ND	ND	ND	ND	6.1	61
09/11/18 06:30 PM	24505	312	1.86	ND	ND	ND	ND	ND	ND	ND	6.5	68
09/11/18 07:00 PM	24622	309	1.87	ND	ND	ND	ND	ND	ND	ND	6.2	76
09/11/18 07:30 PM	24332	313	1.88	ND	ND	ND	ND	ND	ND	ND	4.9	77
09/11/18 08:00 PM	24517	316	1.85	ND	ND	ND	ND	ND	ND	ND	4.4	74
09/11/18 08:30 PM	24551	318	1.85	ND	ND	ND	ND	ND	ND	ND	3.6	68
09/11/18 09:00 PM	24944	322	1.88	ND	ND	ND	ND	ND	ND	ND	4.4	51
09/11/18 09:30 PM	24875	323	1.89	ND	ND	ND	ND	ND	ND	ND	5.1	50
09/11/18 10:00 PM	24418	309	1.85	ND	ND	ND	ND	ND	ND	ND	5.5	55
09/11/18 10:30 PM	24676	309	1.85	ND	ND	ND	ND	ND	ND	ND	4.7	68
09/11/18 11:00 PM	23857	292	1.77	ND	ND	ND	ND	ND	ND	ND	4.9	65
09/11/18 11:30 PM	24963	314	1.86	ND	ND	ND	ND	ND	ND	ND	4.6	46
09/12/18 12:00 AM	25280	322	2.00	ND	ND	ND	ND	ND	ND	ND	3.8	61

Daily Processed Summary (Average, Maximum)

Average	23795	314	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.5	67
Maximum Value	25280	323	2.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/12/18 12:30 AM	24818	313	1.95	ND	ND	ND	ND	ND	ND	ND	4.9	67
09/12/18 01:00 AM	25083	318	1.90	ND	ND	ND	ND	ND	ND	ND	4.1	68
09/12/18 01:30 AM	25491	319	1.94	ND	ND	ND	ND	ND	ND	ND	4.7	44
09/12/18 02:00 AM	24975	316	1.92	ND	ND	ND	ND	ND	ND	ND	5.6	47
09/12/18 02:30 AM	24930	317	1.90	ND	ND	ND	ND	ND	ND	ND	4.5	44
09/12/18 03:00 AM	24852	312	1.89	ND	ND	ND	ND	ND	ND	ND	5.4	46
09/12/18 03:30 AM	23584	315	1.89	ND	ND	ND	ND	ND	ND	ND	6.0	50
09/12/18 04:00 AM	23918	312	1.88	ND	ND	ND	ND	ND	ND	ND	5.9	52
09/12/18 04:30 AM	24805	315	1.92	ND	ND	ND	ND	ND	ND	ND	6.1	51
09/12/18 05:00 AM	24348	315	1.90	ND	ND	ND	ND	ND	ND	ND	5.7	60
09/12/18 05:30 AM	23995	320	1.92	ND	ND	ND	ND	ND	ND	ND	4.9	53
09/12/18 06:00 AM	23716	306	1.89	ND	ND	ND	ND	ND	ND	ND	5.5	120
09/12/18 06:30 AM	21782	278	1.81	ND	ND	ND	ND	ND	ND	ND	2.2	266
09/12/18 07:00 AM	22267	284	1.97	ND	ND	ND	ND	ND	ND	ND	1.8	196
09/12/18 07:30 AM	22612	295	2.18	ND	ND	ND	ND	ND	ND	ND	4.0	126
09/12/18 08:00 AM	21554	305	1.97	ND	ND	ND	ND	ND	ND	ND	2.6	173
09/12/18 08:30 AM	22177	311	2.05	ND	ND	ND	ND	ND	ND	ND	1.4	154
09/12/18 09:00 AM	22036	298	1.85	ND	ND	ND	ND	ND	ND	ND	1.9	158
09/12/18 09:30 AM	22739	312	2.39	ND	ND	ND	ND	ND	ND	ND	1.9	113
09/12/18 10:00 AM	23639	313	2.04	ND	ND	ND	ND	ND	ND	ND	2.9	81
09/12/18 10:30 AM	24015	315	1.89	ND	ND	ND	ND	ND	ND	ND	3.9	71
09/12/18 11:00 AM	24475	312	1.89	ND	ND	ND	ND	ND	ND	ND	4.6	71
09/12/18 11:30 AM	24700	310	1.88	ND	ND	ND	ND	ND	ND	ND	4.6	76
09/12/18 12:00 PM	24355	317	1.89	ND	ND	ND	ND	ND	ND	ND	5.2	42
09/12/18 12:30 PM	24575	322	1.91	ND	ND	ND	ND	ND	ND	ND	4.8	39
09/12/18 01:00 PM											5.4	35
09/12/18 01:30 PM											5.3	47
09/12/18 02:00 PM											6.1	51
09/12/18 02:30 PM											6.2	56
09/12/18 03:00 PM											6.5	66
09/12/18 03:30 PM											7.0	69
09/12/18 04:00 PM											7.5	71
09/12/18 04:30 PM											7.3	73
09/12/18 05:00 PM											7.2	66
09/12/18 05:30 PM											8.2	64
09/12/18 06:00 PM	23821	320	1.83	ND	ND	ND	ND	ND	ND	ND	6.8	57
09/12/18 06:30 PM	23966	324	1.87	ND	ND	ND	ND	ND	ND	ND	6.5	58
09/12/18 07:00 PM	23955	321	1.89	ND	ND	ND	ND	ND	ND	ND	6.1	64
09/12/18 07:30 PM	24286	320	1.88	ND	ND	ND	ND	ND	ND	ND	5.1	64
09/12/18 08:00 PM	24432	320	1.89	ND	ND	ND	ND	ND	ND	ND	4.6	67
09/12/18 08:30 PM	24836	321	1.89	ND	ND	ND	ND	ND	ND	ND	4.6	63
09/12/18 09:00 PM	25040	325	1.89	ND	ND	ND	ND	ND	ND	ND	5.2	47
09/12/18 09:30 PM	25169	324	1.89	ND	ND	ND	ND	ND	ND	ND	5.5	55
09/12/18 10:00 PM	25328	323	1.92	ND	ND	ND	ND	ND	ND	ND	5.9	44
09/12/18 10:30 PM	25093	323	1.95	ND	ND	ND	ND	ND	ND	ND	6.7	49
09/12/18 11:00 PM	25310	323	1.93	ND	ND	ND	ND	ND	ND	ND	5.6	51
09/12/18 11:30 PM	25089	323	1.93	ND	ND	ND	ND	ND	ND	ND	5.4	38
09/13/18 12:00 AM	24513	323	1.91	ND	ND	ND	ND	ND	ND	ND	5.9	35

Daily Processed Summary (Average, Maximum)

Average	24113	314	1.93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	60
Maximum Value	25491	325	2.39	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/13/18 12:30 AM	24599	325	1.95	ND	ND	ND	ND	ND	ND	ND	6.3	34
09/13/18 01:00 AM	24752	325	1.91	ND	ND	ND	ND	ND	ND	ND	5.5	33
09/13/18 01:30 AM	25010	328	1.96	ND	ND	ND	ND	ND	ND	ND	5.7	33
09/13/18 02:00 AM	25183	328	1.98	ND	ND	ND	ND	ND	ND	ND	5.7	31
09/13/18 02:30 AM	25179	325	1.96	ND	ND	ND	ND	ND	ND	ND	6.1	35
09/13/18 03:00 AM	23647	311	1.88	ND	ND	ND	ND	ND	ND	ND	6.4	51
09/13/18 03:30 AM	22900	318	1.88	ND	ND	ND	ND	ND	ND	ND	6.4	63
09/13/18 04:00 AM	23391	309	1.83	ND	ND	ND	ND	ND	ND	ND	6.6	62
09/13/18 04:30 AM	24263	313	1.85	ND	ND	ND	ND	ND	ND	ND	5.9	56
09/13/18 05:00 AM	25049	317	1.92	ND	ND	ND	ND	ND	ND	ND	5.4	30
09/13/18 05:30 AM	25106	319	1.98	ND	ND	ND	ND	ND	ND	ND	5.2	32
09/13/18 06:00 AM	25039	321	1.96	ND	ND	ND	ND	ND	ND	ND	5.8	27
09/13/18 06:30 AM	25038	328	1.99	ND	ND	ND	ND	ND	ND	ND	6.4	65
09/13/18 07:00 AM	24758	325	1.99	ND	ND	ND	ND	ND	ND	ND	6.4	181
09/13/18 07:30 AM	24930	327	1.99	ND	ND	ND	ND	ND	ND	ND	7.3	9
09/13/18 08:00 AM	24736	323	2.09	ND	ND	ND	ND	ND	ND	ND	8.8	6
09/13/18 08:30 AM	24881	327	2.13	ND	ND	ND	ND	ND	ND	ND	6.0	18
09/13/18 09:00 AM	24798	325	2.12	ND	ND	ND	ND	ND	ND	ND	8.2	8
09/13/18 09:30 AM	25033	327	2.12	ND	ND	ND	ND	ND	ND	ND	7.4	11
09/13/18 10:00 AM	25303	330	2.14	ND	ND	ND	ND	ND	ND	ND	6.2	21
09/13/18 10:30 AM	25144	329	2.09	ND	ND	ND	ND	ND	ND	ND	7.3	25
09/13/18 11:00 AM	25001	329	2.04	ND	ND	ND	ND	ND	ND	ND	6.4	30
09/13/18 11:30 AM	24630	322	2.02	ND	ND	ND	ND	ND	ND	ND	6.7	25
09/13/18 12:00 PM	24909	323	2.00	ND	ND	ND	ND	ND	ND	ND	6.5	32
09/13/18 12:30 PM	24985	317	1.95	ND	ND	ND	ND	ND	ND	ND	7.1	36
09/13/18 01:00 PM	25270	319	1.99	ND	ND	ND	ND	ND	ND	ND	6.0	34
09/13/18 01:30 PM	25354	322	1.95	ND	ND	ND	ND	ND	ND	ND	6.8	30
09/13/18 02:00 PM	25257	325	1.98	ND	ND	ND	ND	ND	ND	ND	7.3	38
09/13/18 02:30 PM	24651	319	1.95	ND	ND	ND	ND	ND	ND	ND	7.1	34
09/13/18 03:00 PM	24995	321	1.93	ND	ND	ND	ND	ND	ND	ND	7.4	36
09/13/18 03:30 PM	24930	322	1.93	ND	ND	ND	ND	ND	ND	ND	6.5	60
09/13/18 04:00 PM	24489	304	1.87	ND	ND	ND	ND	ND	ND	ND	6.5	40
09/13/18 04:30 PM	25216	315	1.92	ND	ND	ND	ND	ND	ND	ND	5.8	42
09/13/18 05:00 PM	25418	316	1.91	ND	ND	ND	ND	ND	ND	ND	5.7	35
09/13/18 05:30 PM	25796	319	1.92	ND	ND	ND	ND	ND	ND	ND	6.0	39
09/13/18 06:00 PM	25945	320	1.93	ND	ND	ND	ND	ND	ND	ND	6.7	34
09/13/18 06:30 PM	25819	315	1.91	ND	ND	ND	ND	ND	ND	ND	6.3	34
09/13/18 07:00 PM	25821	319	1.94	ND	ND	ND	ND	ND	ND	ND	6.3	27
09/13/18 07:30 PM											6.7	27
09/13/18 08:00 PM											7.1	27
09/13/18 08:30 PM											7.2	19
09/13/18 09:00 PM											7.2	32
09/13/18 09:30 PM											6.1	35
09/13/18 10:00 PM											6.5	36
09/13/18 10:30 PM											7.3	26
09/13/18 11:00 PM											6.3	34
09/13/18 11:30 PM											6.0	36
09/14/18 12:00 AM											7.2	32

Daily Processed Summary (Average, Maximum)

Average	24927	321	1.97	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	33
Maximum Value	25945	330	2.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/14/18 12:30 AM											6.3	21
09/14/18 01:00 AM											6.8	29
09/14/18 01:30 AM											5.9	37
09/14/18 02:00 AM											6.6	54
09/14/18 02:30 AM											5.3	46
09/14/18 03:00 AM											5.2	44
09/14/18 03:30 AM											5.6	34
09/14/18 04:00 AM											5.7	33
09/14/18 04:30 AM											5.4	37
09/14/18 05:00 AM											4.7	50
09/14/18 05:30 AM											5.5	42
09/14/18 06:00 AM											5.5	34
09/14/18 06:30 AM											5.9	39
09/14/18 07:00 AM											5.4	39
09/14/18 07:30 AM											5.6	35
09/14/18 08:00 AM											6.1	39
09/14/18 08:30 AM											5.9	36
09/14/18 09:00 AM											6.6	32
09/14/18 09:30 AM											7.5	42
09/14/18 10:00 AM	24305	312	1.88	ND	ND	ND	ND	ND	ND	ND	6.3	39
09/14/18 10:30 AM	24724	303	1.88	ND	ND	ND	ND	ND	ND	ND	6.8	43
09/14/18 11:00 AM	24961	308	1.92	ND	ND	ND	ND	ND	ND	ND	5.2	40
09/14/18 11:30 AM	24803	303	1.91	ND	ND	ND	ND	ND	ND	ND	6.5	58
09/14/18 12:00 PM	24868	306	1.89	ND	ND	ND	ND	ND	ND	ND	6.1	51
09/14/18 12:30 PM	24147	298	1.86	ND	ND	ND	ND	ND	ND	ND	6.2	50
09/14/18 01:00 PM	23356	299	1.85	ND	ND	ND	ND	ND	ND	ND	7.7	53
09/14/18 01:30 PM	23213	302	1.85	ND	ND	ND	ND	ND	ND	ND	7.2	49
09/14/18 02:00 PM	24336	305	1.82	ND	ND	ND	ND	ND	ND	ND	6.4	42
09/14/18 02:30 PM	24766	300	1.83	ND	ND	ND	ND	ND	ND	ND	6.8	38
09/14/18 03:00 PM	25323	298	1.82	ND	ND	ND	ND	ND	ND	ND	6.6	33
09/14/18 03:30 PM	25058	289	1.79	ND	ND	ND	ND	ND	ND	ND	5.2	38
09/14/18 04:00 PM	25290	305	1.85	ND	ND	ND	ND	ND	ND	ND	6.3	32
09/14/18 04:30 PM	25661	304	1.83	ND	ND	ND	ND	ND	ND	ND	6.9	32
09/14/18 05:00 PM	25595	307	1.89	ND	ND	ND	ND	ND	ND	ND	7.8	31
09/14/18 05:30 PM	25097	276	1.85	ND	ND	ND	ND	ND	ND	ND	5.3	33
09/14/18 06:00 PM	23546	296	1.82	ND	ND	ND	ND	ND	ND	ND	7.3	55
09/14/18 06:30 PM	23892	307	1.87	ND	ND	ND	ND	ND	ND	ND	5.6	43
09/14/18 07:00 PM	24026	291	1.82	ND	ND	ND	ND	ND	ND	ND	6.2	50
09/14/18 07:30 PM	24293	304	1.85	ND	ND	ND	ND	ND	ND	ND	4.6	60
09/14/18 08:00 PM	24150	312	1.87	ND	ND	ND	ND	ND	ND	ND	3.8	61
09/14/18 08:30 PM	24615	316	1.90	ND	ND	ND	ND	ND	ND	ND	5.9	43
09/14/18 09:00 PM	24693	310	1.93	ND	ND	ND	ND	ND	ND	ND	6.4	51
09/14/18 09:30 PM	24691	311	1.89	ND	ND	ND	ND	ND	ND	ND	5.8	37
09/14/18 10:00 PM	24533	311	1.89	ND	ND	ND	ND	ND	ND	ND	6.5	35
09/14/18 10:30 PM	24516	311	1.89	ND	ND	ND	ND	ND	ND	ND	6.8	34
09/14/18 11:00 PM	24700	312	1.92	ND	ND	ND	ND	ND	ND	ND	7.1	36
09/14/18 11:30 PM	25063	310	1.90	ND	ND	ND	ND	ND	ND	ND	7.8	44
09/15/18 12:00 AM	25129	308	1.88	ND	ND	ND	ND	ND	ND	ND	7.8	54

## Daily Processed Summary (Average, Maximum)

Average	24564	304	1.87	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	41
Maximum Value	25661	316	1.93	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/15/18 12:30 AM	25523	304	1.85	ND	ND	ND	ND	ND	ND	ND	5.5	64
09/15/18 01:00 AM	25980	297	1.80	ND	ND	ND	ND	ND	ND	ND	6.2	63
09/15/18 01:30 AM	26596	300	1.82	ND	ND	ND	ND	ND	ND	ND	4.9	65
09/15/18 02:00 AM	26811	305	1.82	ND	ND	ND	ND	ND	ND	ND	4.6	68
09/15/18 02:30 AM	26988	305	1.85	ND	ND	ND	ND	ND	ND	ND	4.5	63
09/15/18 03:00 AM	27055	312	1.86	ND	ND	ND	ND	ND	ND	ND	5.1	54
09/15/18 03:30 AM	26625	306	1.85	ND	ND	ND	ND	ND	ND	ND	5.4	61
09/15/18 04:00 AM	26000	308	1.87	ND	ND	ND	ND	ND	ND	ND	7.1	86
09/15/18 04:30 AM	21740	280	1.86	ND	ND	ND	ND	ND	ND	ND	9.3	99
09/15/18 05:00 AM	21811	288	1.82	ND	ND	ND	ND	ND	ND	ND	7.3	102
09/15/18 05:30 AM	23228	296	1.88	ND	ND	ND	ND	ND	ND	ND	4.9	93
09/15/18 06:00 AM	24447	307	1.91	ND	ND	ND	ND	ND	ND	ND	3.3	84
09/15/18 06:30 AM	24121	304	1.88	ND	ND	ND	ND	ND	ND	ND	5.8	72
09/15/18 07:00 AM	23431	303	1.86	ND	ND	ND	ND	ND	ND	ND	5.8	78
09/15/18 07:30 AM	24114	298	1.92	ND	ND	ND	ND	ND	ND	ND	5.4	96
09/15/18 08:00 AM	23030	287	1.92	ND	ND	ND	ND	ND	ND	ND	6.9	124
09/15/18 08:30 AM	23180	290	2.09	ND	ND	ND	ND	ND	ND	ND	6.4	132
09/15/18 09:00 AM	23959	304	2.28	ND	ND	ND	ND	ND	ND	ND	3.1	132
09/15/18 09:30 AM	25206	305	2.03	ND	ND	ND	ND	ND	ND	ND	2.7	93
09/15/18 10:00 AM	25983	296	2.17	ND	ND	ND	ND	ND	ND	ND	4.8	118
09/15/18 10:30 AM											7.1	112
09/15/18 11:00 AM											7.3	100
09/15/18 11:30 AM											6.4	79
09/15/18 12:00 PM	25404	299	1.82	ND	ND	ND	ND	ND	ND	ND	5.7	71
09/15/18 12:30 PM											5.9	76
09/15/18 01:00 PM											6.0	72
09/15/18 01:30 PM	25035	288	1.81	ND	ND	ND	ND	ND	ND	ND	5.9	71
09/15/18 02:00 PM	24652	279	1.80	ND	ND	ND	ND	ND	ND	ND	6.9	86
09/15/18 02:30 PM											7.9	93
09/15/18 03:00 PM	24439	285	1.82	ND	ND	ND	ND	ND	ND	ND	8.6	99
09/15/18 03:30 PM	24518	290	1.78	ND	ND	ND	ND	ND	ND	ND	8.5	99
09/15/18 04:00 PM	24853	290	1.79	ND	ND	ND	ND	ND	ND	ND	9.4	98
09/15/18 04:30 PM	25122	284	1.78	ND	ND	ND	ND	ND	ND	ND	9.3	103
09/15/18 05:00 PM	24193	294	1.82	ND	ND	ND	ND	ND	ND	ND	9.1	99
09/15/18 05:30 PM	23744	305	1.86	ND	ND	ND	ND	ND	ND	ND	7.3	106
09/15/18 06:00 PM	23814	304	1.88	ND	ND	ND	ND	ND	ND	ND	6.5	100
09/15/18 06:30 PM	23701	309	1.87	ND	ND	ND	ND	ND	ND	ND	5.2	93
09/15/18 07:00 PM	24013	308	1.91	ND	ND	ND	ND	ND	ND	ND	4.9	101
09/15/18 07:30 PM	23987	311	1.91	ND	ND	ND	ND	ND	ND	ND	4.0	97
09/15/18 08:00 PM	23579	314	1.93	ND	ND	ND	ND	ND	ND	ND	3.2	95
09/15/18 08:30 PM	23875	313	1.93	ND	ND	ND	ND	ND	ND	ND	2.9	70
09/15/18 09:00 PM	23968	315	1.95	ND	ND	ND	ND	ND	ND	ND	3.1	73
09/15/18 09:30 PM	23965	315	1.90	ND	ND	ND	ND	ND	ND	ND	3.5	69
09/15/18 10:00 PM	24374	311	1.96	ND	ND	ND	ND	ND	ND	ND	3.6	65
09/15/18 10:30 PM	24653	315	2.00	ND	ND	ND	ND	ND	ND	ND	3.1	62
09/15/18 11:00 PM	24731	318	2.02	ND	ND	ND	ND	ND	ND	ND	2.9	58
09/15/18 11:30 PM	24633	315	2.07	ND	ND	ND	ND	ND	ND	ND	3.0	74
09/16/18 12:00 AM	24364	316	2.00	ND	ND	ND	ND	ND	ND	ND	3.0	64

Daily Processed Summary (Average, Maximum)

Average	24558	302	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.3	89
Maximum Value	27055	318	2.28	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/16/18 12:30 AM	24612	318	2.05	ND	ND	ND	ND	ND	ND	ND	2.9	64
09/16/18 01:00 AM	24264	318	2.03	ND	ND	ND	ND	ND	ND	ND	3.4	73
09/16/18 01:30 AM	24024	315	2.04	ND	ND	ND	ND	ND	ND	ND	3.6	74
09/16/18 02:00 AM	24305	316	2.02	ND	ND	ND	ND	ND	ND	ND	3.0	69
09/16/18 02:30 AM	24486	317	2.08	ND	ND	ND	ND	ND	ND	ND	3.3	63
09/16/18 03:00 AM	24317	318	2.10	ND	ND	ND	ND	ND	ND	ND	3.3	73
09/16/18 03:30 AM	24335	315	1.98	ND	ND	ND	ND	ND	ND	ND	3.1	69
09/16/18 04:00 AM	24414	319	1.96	ND	ND	ND	ND	ND	ND	ND	2.7	72
09/16/18 04:30 AM	24398	317	1.97	ND	ND	ND	ND	ND	ND	ND	3.0	70
09/16/18 05:00 AM	22540	292	1.97	ND	ND	ND	ND	ND	ND	ND	5.5	175
09/16/18 05:30 AM	21779	288	1.79	ND	ND	ND	ND	ND	ND	ND	4.5	219
09/16/18 06:00 AM	20547	288	1.79	ND	ND	ND	ND	ND	ND	ND	2.6	248
09/16/18 06:30 AM	21356	303	2.38	ND	ND	ND	ND	ND	ND	ND	0.8	201
09/16/18 07:00 AM	21658	313	2.17	ND	ND	ND	ND	ND	ND	ND	0.6	285
09/16/18 07:30 AM	21609	315	2.59	ND	ND	ND	ND	ND	ND	ND	0.6	158
09/16/18 08:00 AM	22335	316	2.27	ND	ND	ND	ND	ND	ND	ND	1.9	70
09/16/18 08:30 AM	23126	315	2.10	ND	ND	ND	ND	ND	ND	ND	1.4	76
09/16/18 09:00 AM	23371	316	2.04	ND	ND	ND	ND	ND	ND	ND	1.7	165
09/16/18 09:30 AM	23421	316	1.93	ND	ND	ND	ND	ND	ND	ND	2.0	330
09/16/18 10:00 AM	23660	314	1.91	ND	ND	ND	ND	ND	ND	ND	2.2	278
09/16/18 10:30 AM	24184	315	1.95	ND	ND	ND	ND	ND	ND	ND	1.9	228
09/16/18 11:00 AM	24358	317	1.91	ND	ND	ND	ND	ND	ND	ND	2.9	50
09/16/18 11:30 AM	23830	312	1.87	ND	ND	ND	ND	ND	ND	ND	4.2	82
09/16/18 12:00 PM	23893	312	1.90	ND	ND	ND	ND	ND	ND	ND	4.3	80
09/16/18 12:30 PM	24104	313	1.95	ND	ND	ND	ND	ND	ND	ND	5.0	96
09/16/18 01:00 PM	24415	307	2.00	ND	ND	ND	ND	ND	ND	ND	6.2	125
09/16/18 01:30 PM	23670	310	2.07	ND	ND	ND	ND	ND	ND	ND	7.2	130
09/16/18 02:00 PM	24513	304	2.00	ND	ND	ND	ND	ND	ND	ND	7.6	120
09/16/18 02:30 PM	25066	298	1.94	ND	ND	ND	ND	ND	ND	ND	7.9	118
09/16/18 03:00 PM	25191	300	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	117
09/16/18 03:30 PM	24549	312	1.94	ND	ND	ND	ND	ND	ND	ND	7.4	173
09/16/18 04:00 PM	24592	318	1.92	ND	ND	ND	ND	ND	ND	ND	4.9	189
09/16/18 04:30 PM	24328	317	1.92	ND	ND	ND	ND	ND	ND	ND	3.7	193
09/16/18 05:00 PM	24442	319	1.92	ND	ND	ND	ND	ND	ND	ND	4.3	202
09/16/18 05:30 PM	24319	319	1.92	ND	ND	ND	ND	ND	ND	ND	3.5	236
09/16/18 06:00 PM	24316	322	1.89	ND	ND	ND	ND	ND	ND	ND	2.9	272
09/16/18 06:30 PM	23825	322	2.06	ND	ND	ND	ND	ND	ND	ND	1.6	230
09/16/18 07:00 PM	24001	321	2.03	ND	ND	ND	ND	ND	ND	ND	1.5	112
09/16/18 07:30 PM	24117	322	2.34	ND	ND	ND	ND	ND	ND	ND	1.8	129
09/16/18 08:00 PM	24758	324	2.75	ND	ND	ND	ND	ND	ND	ND	0.7	86
09/16/18 08:30 PM	25164	323	3.05	ND	ND	ND	ND	ND	ND	ND	1.9	104
09/16/18 09:00 PM	24953	322	2.56	ND	ND	ND	ND	ND	ND	ND	2.1	114
09/16/18 09:30 PM	25108	322	2.73	ND	ND	ND	ND	ND	ND	ND	2.6	94
09/16/18 10:00 PM	25030	320	2.32	ND	ND	ND	ND	ND	ND	ND	2.3	96
09/16/18 10:30 PM	25265	323	2.81	ND	ND	ND	ND	ND	ND	ND	1.9	103
09/16/18 11:00 PM	25299	324	3.31	ND	ND	ND	ND	ND	ND	ND	2.0	115
09/16/18 11:30 PM	25791	322	2.53	ND	ND	ND	ND	ND	ND	ND	1.3	155
09/17/18 12:00 AM	26082	319	2.81	ND	ND	ND	ND	ND	ND	ND	1.8	137

## Daily Processed Summary (Average, Maximum)

Average	24036	314	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	122
Maximum Value	26082	324	3.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/17/18 12:30 AM	26458	316	3.15	ND	ND	ND	ND	ND	ND	ND	2.2	108
09/17/18 01:00 AM	26607	315	2.47	ND	ND	ND	ND	ND	ND	ND	2.0	95
09/17/18 01:30 AM	26211	316	2.41	ND	ND	ND	ND	ND	ND	ND	1.9	132
09/17/18 02:00 AM	26293	319	2.50	ND	ND	ND	ND	ND	ND	ND	1.9	137
09/17/18 02:30 AM	26180	317	3.01	ND	ND	ND	ND	ND	ND	ND	1.1	161
09/17/18 03:00 AM	26154	319	2.81	ND	ND	ND	ND	ND	ND	ND	1.1	177
09/17/18 03:30 AM	26031	319	2.12	ND	ND	ND	ND	ND	ND	ND	1.1	195
09/17/18 04:00 AM	25979	321	2.08	ND	ND	ND	ND	ND	ND	ND	1.1	207
09/17/18 04:30 AM	26147	321	2.02	ND	ND	ND	ND	ND	ND	ND	0.7	216
09/17/18 05:00 AM	26254	319	2.04	ND	ND	ND	ND	ND	ND	ND	0.6	261
09/17/18 05:30 AM	25760	325	2.41	ND	ND	ND	ND	ND	ND	ND	1.4	317
09/17/18 06:00 AM	24741	327	2.87	ND	ND	ND	ND	ND	ND	ND	1.0	333
09/17/18 06:30 AM	24745	327	2.71	ND	ND	ND	ND	ND	ND	ND	1.1	197
09/17/18 07:00 AM	24763	327	2.49	ND	ND	ND	ND	ND	ND	ND	1.3	117
09/17/18 07:30 AM	24653	327	2.71	ND	ND	ND	ND	ND	ND	ND	0.7	50
09/17/18 08:00 AM	24771	326	2.96	ND	ND	ND	ND	ND	ND	ND	1.4	87
09/17/18 08:30 AM	25327	322	2.27	ND	ND	ND	ND	ND	ND	ND	1.4	25
09/17/18 09:00 AM	26357	318	2.07	ND	ND	ND	ND	ND	ND	ND	2.1	121
09/17/18 09:30 AM	26931	318	2.07	ND	ND	ND	ND	ND	ND	ND	1.0	120
09/17/18 10:00 AM	27376	318	2.05	ND	ND	ND	ND	ND	ND	ND	1.6	141
09/17/18 10:30 AM	27824	320	2.02	ND	ND	ND	ND	ND	ND	ND	2.3	270
09/17/18 11:00 AM	27787	321	1.99	ND	ND	ND	ND	ND	ND	ND	2.8	286
09/17/18 11:30 AM	27427	323	1.95	ND	ND	ND	ND	ND	ND	ND	3.1	282
09/17/18 12:00 PM	26529	325	1.95	ND	ND	ND	ND	ND	ND	ND	3.5	267
09/17/18 12:30 PM	25538	327	1.94	ND	ND	ND	ND	ND	ND	ND	3.6	252
09/17/18 01:00 PM	25612	324	1.94	ND	ND	ND	ND	ND	ND	ND	3.0	230
09/17/18 01:30 PM	24672	325	1.89	ND	ND	ND	ND	ND	ND	ND	4.5	247
09/17/18 02:00 PM	24596	323	1.90	ND	ND	ND	ND	ND	ND	ND	3.3	245
09/17/18 02:30 PM	24960	323	1.95	ND	ND	ND	ND	ND	ND	ND	3.3	231
09/17/18 03:00 PM	23799	318	2.08	ND	ND	ND	ND	ND	ND	ND	3.9	133
09/17/18 03:30 PM	22596	320	2.05	ND	ND	ND	ND	ND	ND	ND	3.7	119
09/17/18 04:00 PM	22622	318	2.15	ND	ND	ND	ND	ND	ND	ND	3.7	127
09/17/18 04:30 PM	21888	319	2.08	ND	ND	ND	ND	ND	ND	ND	4.4	112
09/17/18 05:00 PM	21809	319	2.15	ND	ND	ND	ND	ND	ND	ND	4.9	120
09/17/18 05:30 PM	21367	319	2.19	ND	ND	ND	ND	ND	ND	ND	4.8	122
09/17/18 06:00 PM	23497	319	2.20	ND	ND	ND	ND	ND	ND	ND	5.0	131
09/17/18 06:30 PM	23760	318	2.12	ND	ND	ND	ND	ND	ND	ND	5.1	139
09/17/18 07:00 PM	23919	319	2.17	ND	ND	ND	ND	ND	ND	ND	3.4	141
09/17/18 07:30 PM	24620	319	2.36	ND	ND	ND	ND	ND	ND	ND	2.8	141
09/17/18 08:00 PM	24924	319	2.21	ND	ND	ND	ND	ND	ND	ND	2.8	146
09/17/18 08:30 PM	25450	318	2.32	ND	ND	ND	ND	ND	ND	ND	2.7	143
09/17/18 09:00 PM	26385	316	2.35	ND	ND	ND	ND	ND	ND	ND	3.1	134
09/17/18 09:30 PM	26934	314	2.10	ND	ND	ND	ND	ND	ND	ND	3.4	141
09/17/18 10:00 PM	26687	314	2.07	ND	ND	ND	ND	ND	ND	ND	3.1	154
09/17/18 10:30 PM	26063	315	2.03	ND	ND	ND	ND	ND	ND	ND	2.6	151
09/17/18 11:00 PM	26004	316	2.30	ND	ND	ND	ND	ND	ND	ND	2.3	158
09/17/18 11:30 PM	25420	316	2.33	ND	ND	ND	ND	ND	ND	ND	2.3	160
09/18/18 12:00 AM	25736	316	2.86	ND	ND	ND	ND	ND	ND	ND	2.2	160

Daily Processed Summary (Average, Maximum)

Average	25337	320	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	155
Maximum Value	27824	327	3.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/18/18 12:30 AM	25763	318	3.42	ND	ND	ND	ND	ND	ND	ND	1.3	153
09/18/18 01:00 AM	26203	315	2.90	ND	ND	ND	ND	ND	ND	ND	2.2	166
09/18/18 01:30 AM	26458	317	3.79	ND	ND	ND	ND	ND	ND	ND	1.7	153
09/18/18 02:00 AM	26746	319	3.44	ND	ND	ND	ND	ND	ND	ND	1.5	146
09/18/18 02:30 AM	26946	317	3.37	ND	ND	ND	ND	ND	ND	ND	1.1	138
09/18/18 03:00 AM	26972	317	3.18	ND	ND	ND	ND	ND	ND	ND	2.0	136
09/18/18 03:30 AM	27135	315	2.39	ND	ND	ND	ND	ND	ND	ND	1.6	163
09/18/18 04:00 AM	27259	316	2.21	ND	ND	ND	ND	ND	ND	ND	0.9	186
09/18/18 04:30 AM	27467	316	3.37	ND	ND	ND	ND	ND	ND	ND	0.9	144
09/18/18 05:00 AM	27335	317	3.48	ND	ND	ND	ND	ND	ND	ND	1.3	133
09/18/18 05:30 AM	27369	318	2.80	ND	ND	ND	ND	ND	ND	ND	0.6	191
09/18/18 06:00 AM	27437	315	2.17	ND	ND	ND	ND	ND	ND	ND	0.6	233
09/18/18 06:30 AM	27547	320	2.21	ND	ND	ND	ND	ND	ND	ND	0.8	276
09/18/18 07:00 AM	27027	317	2.21	ND	ND	ND	ND	ND	ND	ND	0.8	314
09/18/18 07:30 AM	26324	302	2.21	ND	ND	ND	ND	ND	ND	ND	0.7	328
09/18/18 08:00 AM	27020	326	2.35	ND	ND	ND	ND	ND	ND	ND	0.8	298
09/18/18 08:30 AM	27072	328	2.31	ND	ND	ND	ND	ND	ND	ND	0.8	275
09/18/18 09:00 AM	27804	324	2.22	ND	ND	ND	ND	ND	ND	ND	0.9	268
09/18/18 09:30 AM	27960	322	2.19	ND	ND	ND	ND	ND	ND	ND	1.3	287
09/18/18 10:00 AM	28315	322	2.19	ND	ND	ND	ND	ND	ND	ND	1.8	293
09/18/18 10:30 AM	28465	320	2.06	ND	ND	ND	ND	ND	ND	ND	2.9	271
09/18/18 11:00 AM	27975	320	1.92	ND	ND	ND	ND	ND	ND	ND	3.1	258
09/18/18 11:30 AM	27469	321	1.94	ND	ND	ND	ND	ND	ND	ND	3.6	251
09/18/18 12:00 PM	26881	324	1.94	ND	ND	ND	ND	ND	ND	ND	4.5	257
09/18/18 12:30 PM	27488	325	1.94	ND	ND	ND	ND	ND	ND	ND	4.8	251
09/18/18 01:00 PM	26725	324	1.94	ND	ND	ND	ND	ND	ND	ND	4.4	261
09/18/18 01:30 PM	24632	323	1.91	ND	ND	ND	ND	ND	ND	ND	2.8	286
09/18/18 02:00 PM	23372	323	1.92	ND	ND	ND	ND	ND	ND	ND	3.2	262
09/18/18 02:30 PM	23593	324	1.86	ND	ND	ND	ND	ND	ND	ND	3.0	262
09/18/18 03:00 PM	23501	324	1.89	ND	ND	ND	ND	ND	ND	ND	2.6	261
09/18/18 03:30 PM	24328	323	2.02	ND	ND	ND	ND	ND	ND	ND	3.0	216
09/18/18 04:00 PM	23927	323	2.06	ND	ND	ND	ND	ND	ND	ND	2.9	150
09/18/18 04:30 PM	23149	322	2.04	ND	ND	ND	ND	ND	ND	ND	3.9	136
09/18/18 05:00 PM	23044	324	2.07	ND	ND	ND	ND	ND	ND	ND	3.7	152
09/18/18 05:30 PM	23632	321	2.04	ND	ND	ND	ND	ND	ND	ND	3.9	147
09/18/18 06:00 PM	23900	320	2.08	ND	ND	ND	ND	ND	ND	ND	4.4	140
09/18/18 06:30 PM	23781	319	2.06	ND	ND	ND	ND	ND	ND	ND	4.1	139
09/18/18 07:00 PM	23978	318	2.10	ND	ND	ND	ND	ND	ND	ND	3.0	148
09/18/18 07:30 PM	24446	317	2.17	ND	ND	ND	ND	ND	ND	ND	3.2	149
09/18/18 08:00 PM	24462	317	2.16	ND	ND	ND	ND	ND	ND	ND	3.4	161
09/18/18 08:30 PM	25324	317	2.17	ND	ND	ND	ND	ND	ND	ND	3.2	149
09/18/18 09:00 PM	25561	318	2.09	ND	ND	ND	ND	ND	ND	ND	3.3	157
09/18/18 09:30 PM	25756	318	2.14	ND	ND	ND	ND	ND	ND	ND	3.2	155
09/18/18 10:00 PM	25774	320	2.23	ND	ND	ND	ND	ND	ND	ND	2.5	151
09/18/18 10:30 PM	25638	319	2.53	ND	ND	ND	ND	ND	ND	ND	2.4	151
09/18/18 11:00 PM	25504	317	2.33	ND	ND	ND	ND	ND	ND	ND	2.5	148
09/18/18 11:30 PM	25648	319	3.07	ND	ND	ND	ND	ND	ND	ND	2.0	130
09/19/18 12:00 AM	25762	319	2.01	ND	ND	ND	ND	ND	ND	ND	2.1	147

Daily Processed Summary (Average, Maximum)

Average	25956	320	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.3	187
Maximum Value	28465	328	3.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

## Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/19/18 12:30 AM	25720	320	2.64	ND	ND	ND	ND	ND	ND	ND	2.0	138
09/19/18 01:00 AM	25689	320	2.95	ND	ND	ND	ND	ND	ND	ND	1.6	140
09/19/18 01:30 AM	25732	319	2.68	ND	ND	ND	ND	ND	ND	ND	2.4	136
09/19/18 02:00 AM	25750	317	2.12	ND	ND	ND	ND	ND	ND	ND	2.5	141
09/19/18 02:30 AM	25814	316	2.52	ND	ND	ND	ND	ND	ND	ND	2.0	142
09/19/18 03:00 AM	25947	318	3.10	ND	ND	ND	ND	ND	ND	ND	1.9	143
09/19/18 03:30 AM	25771	319	2.75	ND	ND	ND	ND	ND	ND	ND	2.0	143
09/19/18 04:00 AM	25902	320	3.17	ND	ND	ND	ND	ND	ND	ND	1.7	142
09/19/18 04:30 AM	25826	317	3.76	ND	ND	ND	ND	ND	ND	ND	1.6	139
09/19/18 05:00 AM	25812	317	3.78	ND	ND	ND	ND	ND	ND	ND	1.8	131
09/19/18 05:30 AM	25685	317	2.55	ND	ND	ND	ND	ND	ND	ND	1.6	124
09/19/18 06:00 AM	25928	317	2.82	ND	ND	ND	ND	ND	ND	ND	0.8	124
09/19/18 06:30 AM	25765	317	2.80	ND	ND	ND	ND	ND	ND	ND	0.7	121
09/19/18 07:00 AM	25894	319	3.07	ND	ND	ND	ND	ND	ND	ND	1.1	108
09/19/18 07:30 AM	25956	318	2.77	ND	ND	ND	ND	ND	ND	ND	1.2	132
09/19/18 08:00 AM	26003	319	2.51	ND	ND	ND	ND	ND	ND	ND	1.6	85
09/19/18 08:30 AM	26438	318	2.19	ND	ND	ND	ND	ND	ND	ND	2.1	82
09/19/18 09:00 AM	26658	323	2.27	ND	ND	ND	ND	ND	ND	ND	2.4	95
09/19/18 09:30 AM	26630	320	2.11	ND	ND	ND	ND	ND	ND	ND	2.4	109
09/19/18 10:00 AM	25931	317	2.08	ND	ND	ND	ND	ND	ND	ND	2.9	124
09/19/18 10:30 AM	25383	317	2.07	ND	ND	ND	ND	ND	ND	ND	3.2	135
09/19/18 11:00 AM	25456	320	2.08	ND	ND	ND	ND	ND	ND	ND	4.0	148
09/19/18 11:30 AM	24460	313	1.86	ND	ND	ND	ND	ND	ND	ND	5.6	117
09/19/18 12:00 PM	24938	315	1.89	ND	ND	ND	ND	ND	ND	ND	5.1	117
09/19/18 12:30 PM	24694	314	1.87	ND	ND	ND	ND	ND	ND	ND	5.7	119
09/19/18 01:00 PM	24564	315	1.87	ND	ND	ND	ND	ND	ND	ND	5.4	126
09/19/18 01:30 PM	24542	304	1.83	ND	ND	ND	ND	ND	ND	ND	6.1	116
09/19/18 02:00 PM											6.2	114
09/19/18 02:30 PM											6.6	120
09/19/18 03:00 PM											6.6	107
09/19/18 03:30 PM											7.1	117
09/19/18 04:00 PM											6.7	125
09/19/18 04:30 PM											6.7	107
09/19/18 05:00 PM											6.6	118
09/19/18 05:30 PM											7.4	110
09/19/18 06:00 PM											7.3	111
09/19/18 06:30 PM											6.5	114
09/19/18 07:00 PM											6.0	115
09/19/18 07:30 PM											4.8	113
09/19/18 08:00 PM											4.6	113
09/19/18 08:30 PM											4.8	114
09/19/18 09:00 PM											4.9	112
09/19/18 09:30 PM											5.1	116
09/19/18 10:00 PM											5.0	110
09/19/18 10:30 PM											4.9	114
09/19/18 11:00 PM											5.0	115
09/19/18 11:30 PM											5.6	113
09/20/18 12:00 AM											4.2	124

## Daily Processed Summary (Average, Maximum)

Average	25662	317	2.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	118
Maximum Value	26658	323	3.78	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available



Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/20/18 12:30 AM											4.8	131
09/20/18 01:00 AM											5.3	130
09/20/18 01:30 AM											5.5	129
09/20/18 02:00 AM											5.1	128
09/20/18 02:30 AM											4.9	134
09/20/18 03:00 AM											4.2	132
09/20/18 03:30 AM											4.1	137
09/20/18 04:00 AM											4.1	137
09/20/18 04:30 AM											3.5	127
09/20/18 05:00 AM											3.2	119
09/20/18 05:30 AM											3.0	118
09/20/18 06:00 AM											3.3	129
09/20/18 06:30 AM											4.1	122
09/20/18 07:00 AM											5.0	135
09/20/18 07:30 AM											5.0	136
09/20/18 08:00 AM											3.8	132
09/20/18 08:30 AM											4.4	131
09/20/18 09:00 AM											4.2	136
09/20/18 09:30 AM											4.3	140
09/20/18 10:00 AM											5.3	132
09/20/18 10:30 AM											4.5	136
09/20/18 11:00 AM											4.4	132
09/20/18 11:30 AM											5.8	128
09/20/18 12:00 PM											6.9	118
09/20/18 12:30 PM											7.0	127
09/20/18 01:00 PM											7.2	123
09/20/18 01:30 PM											8.0	113
09/20/18 02:00 PM											7.6	122
09/20/18 02:30 PM											7.5	114
09/20/18 03:00 PM											10.2	120
09/20/18 03:30 PM											9.7	117
09/20/18 04:00 PM											8.9	112
09/20/18 04:30 PM											6.5	106
09/20/18 05:00 PM											8.2	116
09/20/18 05:30 PM											7.3	116
09/20/18 06:00 PM											7.9	118
09/20/18 06:30 PM											6.6	111
09/20/18 07:00 PM											5.4	128
09/20/18 07:30 PM											5.5	112
09/20/18 08:00 PM											6.1	111
09/20/18 08:30 PM											6.9	112
09/20/18 09:00 PM											8.0	114
09/20/18 09:30 PM											7.3	111
09/20/18 10:00 PM											6.9	114
09/20/18 10:30 PM											7.5	118
09/20/18 11:00 PM											7.0	114
09/20/18 11:30 PM											6.5	115
09/21/18 12:00 AM											8.1	119

Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											5.9	121

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/21/18 12:30 AM											7.0	125
09/21/18 01:00 AM											7.8	122
09/21/18 01:30 AM											7.6	119
09/21/18 02:00 AM											9.3	119
09/21/18 02:30 AM											8.3	118
09/21/18 03:00 AM											6.3	128
09/21/18 03:30 AM											6.3	134
09/21/18 04:00 AM											5.3	129
09/21/18 04:30 AM											5.5	131
09/21/18 05:00 AM											5.5	136
09/21/18 05:30 AM											5.6	135
09/21/18 06:00 AM											6.7	134
09/21/18 06:30 AM											7.1	129
09/21/18 07:00 AM											6.9	134
09/21/18 07:30 AM											5.5	136
09/21/18 08:00 AM											4.9	128
09/21/18 08:30 AM											5.1	130
09/21/18 09:00 AM											6.0	118
09/21/18 09:30 AM											6.5	118
09/21/18 10:00 AM											7.2	121
09/21/18 10:30 AM											8.3	123
09/21/18 11:00 AM											7.0	118
09/21/18 11:30 AM											7.4	117
09/21/18 12:00 PM											7.7	115
09/21/18 12:30 PM											6.6	120
09/21/18 01:00 PM											7.6	115
09/21/18 01:30 PM											7.9	120
09/21/18 02:00 PM											8.1	121
09/21/18 02:30 PM											8.9	118
09/21/18 03:00 PM											8.8	118
09/21/18 03:30 PM											8.6	118
09/21/18 04:00 PM											8.4	121
09/21/18 04:30 PM											8.7	113
09/21/18 05:00 PM											8.7	119
09/21/18 05:30 PM											8.8	117
09/21/18 06:00 PM											7.1	114
09/21/18 06:30 PM											6.4	114
09/21/18 07:00 PM											6.3	114
09/21/18 07:30 PM											5.3	118
09/21/18 08:00 PM											5.0	114
09/21/18 08:30 PM											5.7	109
09/21/18 09:00 PM											6.2	111
09/21/18 09:30 PM											6.2	110
09/21/18 10:00 PM											5.5	121
09/21/18 10:30 PM											5.7	135
09/21/18 11:00 PM											5.4	132
09/21/18 11:30 PM											5.9	142
09/22/18 12:00 AM											5.0	137

Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											6.8	122

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/22/18 12:30 AM											4.8	135
09/22/18 01:00 AM											5.1	137
09/22/18 01:30 AM											5.1	134
09/22/18 02:00 AM											5.4	139
09/22/18 02:30 AM											5.1	142
09/22/18 03:00 AM											4.8	146
09/22/18 03:30 AM											4.7	164
09/22/18 04:00 AM											4.8	158
09/22/18 04:30 AM											4.9	163
09/22/18 05:00 AM											4.5	174
09/22/18 05:30 AM											5.2	170
09/22/18 06:00 AM											5.0	171
09/22/18 06:30 AM											5.0	174
09/22/18 07:00 AM											5.6	196
09/22/18 07:30 AM											5.3	205
09/22/18 08:00 AM											3.5	201
09/22/18 08:30 AM											5.2	198
09/22/18 09:00 AM											3.7	177
09/22/18 09:30 AM											4.3	155
09/22/18 10:00 AM											3.8	132
09/22/18 10:30 AM											4.7	131
09/22/18 11:00 AM											5.8	128
09/22/18 11:30 AM											6.8	146
09/22/18 12:00 PM											9.2	208
09/22/18 12:30 PM											6.5	232
09/22/18 01:00 PM											4.4	224
09/22/18 01:30 PM											3.8	215
09/22/18 02:00 PM											3.1	196
09/22/18 02:30 PM											4.1	171
09/22/18 03:00 PM											5.2	180
09/22/18 03:30 PM											4.6	200
09/22/18 04:00 PM											4.7	181
09/22/18 04:30 PM											5.1	164
09/22/18 05:00 PM											5.4	182
09/22/18 05:30 PM											5.5	250
09/22/18 06:00 PM											5.3	279
09/22/18 06:30 PM											3.7	286
09/22/18 07:00 PM											4.9	302
09/22/18 07:30 PM											5.9	288
09/22/18 08:00 PM											6.2	287
09/22/18 08:30 PM											5.7	279
09/22/18 09:00 PM											6.3	263
09/22/18 09:30 PM											6.1	281
09/22/18 10:00 PM											6.0	283
09/22/18 10:30 PM											5.6	282
09/22/18 11:00 PM											5.8	282
09/22/18 11:30 PM											7.1	288
09/23/18 12:00 AM											7.9	306

Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											2.9	204

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/23/18 12:30 AM											7.8	305
09/23/18 01:00 AM											7.7	306
09/23/18 01:30 AM											6.4	307
09/23/18 02:00 AM											5.5	310
09/23/18 02:30 AM											4.9	309
09/23/18 03:00 AM											5.1	311
09/23/18 03:30 AM											5.2	302
09/23/18 04:00 AM											5.6	297
09/23/18 04:30 AM											6.2	298
09/23/18 05:00 AM											4.7	301
09/23/18 05:30 AM											3.8	305
09/23/18 06:00 AM											3.8	304
09/23/18 06:30 AM											2.9	292
09/23/18 07:00 AM											2.4	287
09/23/18 07:30 AM											1.8	286
09/23/18 08:00 AM											1.6	301
09/23/18 08:30 AM											2.2	309
09/23/18 09:00 AM											2.3	271
09/23/18 09:30 AM											3.4	267
09/23/18 10:00 AM											4.6	270
09/23/18 10:30 AM											4.3	277
09/23/18 11:00 AM											4.4	263
09/23/18 11:30 AM											4.0	254
09/23/18 12:00 PM											4.6	258
09/23/18 12:30 PM											4.2	247
09/23/18 01:00 PM											3.6	252
09/23/18 01:30 PM											3.9	251
09/23/18 02:00 PM											3.3	247
09/23/18 02:30 PM											3.6	244
09/23/18 03:00 PM											3.0	272
09/23/18 03:30 PM											3.3	241
09/23/18 04:00 PM											4.6	252
09/23/18 04:30 PM											6.1	267
09/23/18 05:00 PM											6.0	270
09/23/18 05:30 PM											5.2	283
09/23/18 06:00 PM											5.4	291
09/23/18 06:30 PM											5.8	296
09/23/18 07:00 PM											4.8	296
09/23/18 07:30 PM											3.5	303
09/23/18 08:00 PM											1.9	215
09/23/18 08:30 PM											1.4	316
09/23/18 09:00 PM											1.0	281
09/23/18 09:30 PM											0.9	124
09/23/18 10:00 PM											1.1	313
09/23/18 10:30 PM											1.3	168
09/23/18 11:00 PM											1.1	37
09/23/18 11:30 PM											1.1	81
09/24/18 12:00 AM											2.0	88

## Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											3.3	284

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/24/18 12:30 AM											2.3	69
09/24/18 01:00 AM											2.8	74
09/24/18 01:30 AM											2.7	85
09/24/18 02:00 AM											3.3	78
09/24/18 02:30 AM											2.9	75
09/24/18 03:00 AM											2.9	72
09/24/18 03:30 AM											2.7	72
09/24/18 04:00 AM											1.8	71
09/24/18 04:30 AM											2.1	90
09/24/18 05:00 AM											2.3	80
09/24/18 05:30 AM											1.9	80
09/24/18 06:00 AM											1.9	92
09/24/18 06:30 AM											1.6	87
09/24/18 07:00 AM											1.7	95
09/24/18 07:30 AM											1.4	87
09/24/18 08:00 AM											1.8	65
09/24/18 08:30 AM											2.2	79
09/24/18 09:00 AM											2.3	86
09/24/18 09:30 AM											3.1	76
09/24/18 10:00 AM											3.1	109
09/24/18 10:30 AM											3.2	94
09/24/18 11:00 AM											4.0	132
09/24/18 11:30 AM											4.5	118
09/24/18 12:00 PM											7.5	125
09/24/18 12:30 PM											7.2	130
09/24/18 01:00 PM											6.2	121
09/24/18 01:30 PM											7.6	122
09/24/18 02:00 PM											7.7	120
09/24/18 02:30 PM											8.2	120
09/24/18 03:00 PM											7.9	126
09/24/18 03:30 PM											8.0	118
09/24/18 04:00 PM											6.8	118
09/24/18 04:30 PM											8.5	132
09/24/18 05:00 PM											8.7	127
09/24/18 05:30 PM											8.0	128
09/24/18 06:00 PM											7.3	125
09/24/18 06:30 PM											7.7	117
09/24/18 07:00 PM											6.3	115
09/24/18 07:30 PM											6.0	125
09/24/18 08:00 PM											5.6	134
09/24/18 08:30 PM											5.1	124
09/24/18 09:00 PM											5.2	117
09/24/18 09:30 PM											5.1	119
09/24/18 10:00 PM											5.2	117
09/24/18 10:30 PM											5.8	117
09/24/18 11:00 PM											6.3	128
09/24/18 11:30 PM											6.5	129
09/25/18 12:00 AM											6.2	130

## Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											4.5	115

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C8H6 (ppm)	WSPD (mph)	WDIR (deg)
09/25/18 12:30 AM	29351	392	2.14	ND	ND	ND	ND	ND	ND	ND	5.5	129
09/25/18 01:00 AM	28917	389	2.16	ND	ND	ND	ND	ND	ND	0.00860	5.9	136
09/25/18 01:30 AM	29092	392	2.17	0.00140	ND	ND	ND	ND	ND	ND	5.3	135
09/25/18 02:00 AM											4.5	138
09/25/18 02:30 AM											4.7	137
09/25/18 03:00 AM											4.7	134
09/25/18 03:30 AM											4.2	131
09/25/18 04:00 AM											3.8	130
09/25/18 04:30 AM											3.9	149
09/25/18 05:00 AM											7.3	151
09/25/18 05:30 AM	25515	398	2.14	ND	ND	ND	ND	ND	ND	ND	3.4	108
09/25/18 06:00 AM	25508	400	2.17	ND	ND	ND	ND	ND	ND	ND	3.7	76
09/25/18 06:30 AM	25470	397	2.15	0.00277	ND	ND	ND	ND	ND	ND	6.2	98
09/25/18 07:00 AM	25432	395	2.13	ND	ND	ND	ND	ND	ND	ND	5.1	148
09/25/18 07:30 AM	25530	380	2.10	ND	ND	ND	ND	ND	ND	ND	5.6	144
09/25/18 08:00 AM	27543	395	2.15	0.00055	ND	ND	ND	ND	0.00066	ND	2.9	139
09/25/18 08:30 AM	27565	396	2.17	ND	ND	ND	ND	ND	ND	ND	3.9	150
09/25/18 09:00 AM	26334	397	2.13	ND	ND	ND	ND	ND	ND	ND	2.8	108
09/25/18 09:30 AM	28548	398	2.18	ND	ND	ND	ND	ND	ND	ND	3.2	137
09/25/18 10:00 AM	30570	395	2.19	0.00076	ND	ND	ND	0.00032	ND	ND	3.8	149
09/25/18 10:30 AM	27460	372	2.08	ND	ND	ND	ND	ND	ND	ND	3.7	161
09/25/18 11:00 AM	28621	395	2.13	ND	ND	ND	ND	ND	ND	ND	2.6	159
09/25/18 11:30 AM	29116	398	2.15	ND	ND	ND	ND	ND	ND	ND	4.6	155
09/25/18 12:00 PM	28768	396	2.14	0.00077	ND	ND	ND	ND	ND	ND	4.8	141
09/25/18 12:30 PM	27461	397	2.12	ND	ND	ND	ND	ND	ND	ND	7.1	132
09/25/18 01:00 PM	28829	396	2.13	ND	ND	ND	ND	ND	ND	ND	7.4	137
09/25/18 01:30 PM	29038	399	2.13	ND	ND	ND	ND	ND	ND	ND	6.5	160
09/25/18 02:00 PM	28728	400	2.13	ND	ND	ND	ND	ND	ND	ND	7.2	157
09/25/18 02:30 PM	29179	399	2.14	ND	ND	ND	ND	ND	ND	ND	7.6	153
09/25/18 03:00 PM	28643	398	2.14	ND	ND	ND	ND	ND	ND	ND	7.2	156
09/25/18 03:30 PM	29208	398	2.13	ND	ND	ND	ND	ND	ND	ND	7.2	162
09/25/18 04:00 PM	28775	401	2.13	ND	ND	ND	ND	ND	ND	ND	7.5	160
09/25/18 04:30 PM	28922	401	2.13	ND	ND	0.00361	ND	ND	ND	ND	6.7	155
09/25/18 05:00 PM	28963	399	2.13	ND	ND	ND	ND	ND	ND	ND	7.6	141
09/25/18 05:30 PM	28952	398	2.12	ND	ND	0.00393	ND	ND	ND	ND	7.4	136
09/25/18 06:00 PM	29691	396	2.12	ND	ND	ND	ND	ND	ND	ND	7.9	125
09/25/18 06:30 PM	29397	397	2.12	ND	ND	ND	ND	ND	ND	ND	6.9	125
09/25/18 07:00 PM	29602	397	2.12	ND	ND	ND	ND	ND	ND	ND	6.0	125
09/25/18 07:30 PM	30002	394	2.11	ND	ND	ND	ND	ND	ND	ND	6.5	119
09/25/18 08:00 PM	30426	392	2.11	ND	ND	ND	ND	ND	ND	ND	6.4	116
09/25/18 08:30 PM	30288	391	2.11	ND	ND	ND	ND	ND	ND	ND	6.7	128
09/25/18 09:00 PM	30045	392	2.11	ND	ND	ND	ND	ND	ND	ND	6.7	119
09/25/18 09:30 PM	30330	392	2.11	ND	ND	ND	ND	ND	ND	ND	7.6	121
09/25/18 10:00 PM	30276	386	2.11	ND	ND	ND	ND	0.00038	ND	ND	6.4	131
09/25/18 10:30 PM	29812	390	2.12	ND	ND	ND	ND	ND	ND	ND	7.5	133
09/25/18 11:00 PM	29910	390	2.12	ND	ND	ND	ND	ND	ND	ND	7.0	131
09/25/18 11:30 PM	30268	388	2.12	ND	ND	ND	ND	ND	ND	ND	7.4	131
09/26/18 12:00 AM	30380	386	2.11	ND	ND	ND	ND	ND	ND	ND	7.4	131

Daily Processed Summary (Average, Maximum)

Average	28694	394	2.13	0.00013	BDL	0.00016	BDL	0.00001	0.00001	0.00018	5.5	136
Maximum Value	30570	401	2.19	0.00277	BDL	0.00393	BDL	0.00038	0.00066	0.00860		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/26/18 12:30 AM	30171	389	2.14	ND	ND	0.00405	ND	ND	ND	ND	6.5	135
09/26/18 01:00 AM	30554	388	2.15	ND	ND	0.00504	ND	ND	ND	ND	5.3	133
09/26/18 01:30 AM	30670	391	2.19	ND	ND	ND	ND	ND	0.00130	ND	5.0	130
09/26/18 02:00 AM	30696	396	2.17	ND	ND	ND	ND	ND	ND	ND	4.0	137
09/26/18 02:30 AM	30627	395	2.17	ND	ND	ND	ND	ND	ND	ND	4.6	133
09/26/18 03:00 AM	30547	396	2.18	ND	ND	ND	ND	ND	ND	ND	3.8	136
09/26/18 03:30 AM	30270	398	2.18	ND	ND	0.00976	ND	ND	ND	ND	4.0	136
09/26/18 04:00 AM	29854	395	2.17	ND	ND	0.00322	ND	ND	ND	ND	4.2	135
09/26/18 04:30 AM	29532	397	2.17	ND	ND	ND	ND	ND	ND	ND	4.0	145
09/26/18 05:00 AM	29288	399	2.22	ND	ND	ND	ND	ND	ND	ND	3.4	155
09/26/18 05:30 AM	29301	399	2.24	0.00054	ND	ND	ND	ND	ND	ND	4.2	166
09/26/18 06:00 AM	29372	400	2.24	ND	ND	ND	ND	ND	ND	ND	3.8	163
09/26/18 06:30 AM	29319	399	2.22	0.00067	ND	ND	ND	ND	ND	ND	4.1	160
09/26/18 07:00 AM	29265	400	2.22	ND	ND	ND	ND	ND	ND	ND	2.5	168
09/26/18 07:30 AM	28483	403	2.18	ND	ND	ND	ND	ND	ND	ND	2.8	202
09/26/18 08:00 AM	25966	401	2.14	0.00169	ND	ND	ND	ND	ND	ND	1.8	189
09/26/18 08:30 AM	26168	403	2.15	0.00056	ND	ND	ND	ND	ND	ND	1.4	203
09/26/18 09:00 AM	26877	406	2.17	ND	ND	ND	ND	ND	ND	ND	4.3	265
09/26/18 09:30 AM	27943	403	2.24	ND	ND	ND	ND	ND	ND	ND	3.7	230
09/26/18 10:00 AM	26558	386	2.15	ND	ND	ND	ND	ND	ND	ND	3.7	166
09/26/18 10:30 AM	24871	391	2.12	ND	ND	ND	ND	ND	ND	ND	4.1	185
09/26/18 11:00 AM	27426	401	2.15	ND	ND	ND	ND	ND	ND	ND	3.7	182
09/26/18 11:30 AM	28584	400	2.16	ND	ND	ND	ND	ND	ND	ND	3.6	204
09/26/18 12:00 PM	28687	398	2.16	ND	ND	ND	ND	ND	ND	ND	3.4	166
09/26/18 12:30 PM	28822	394	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	137
09/26/18 01:00 PM	28305	395	2.17	ND	ND	ND	ND	ND	ND	ND	5.5	118
09/26/18 01:30 PM	27532	400	2.16	ND	ND	ND	ND	ND	ND	ND	5.9	117
09/26/18 02:00 PM	27092	401	2.15	ND	ND	ND	ND	ND	ND	ND	5.3	122
09/26/18 02:30 PM	28156	382	2.12	ND	ND	ND	ND	ND	ND	ND	5.8	154
09/26/18 03:00 PM	23531	388	2.12	ND	ND	ND	ND	ND	ND	ND	3.6	274
09/26/18 03:30 PM	24681	394	2.16	ND	ND	ND	ND	ND	ND	ND	3.0	347
09/26/18 04:00 PM	26066	401	2.34	ND	0.01390	ND	ND	ND	ND	ND	2.1	75
09/26/18 04:30 PM	26790	405	2.28	ND	0.00692	ND	ND	ND	ND	ND	2.4	188
09/26/18 05:00 PM	26135	397	2.18	0.00089	ND	ND	ND	ND	ND	ND	3.8	73
09/26/18 05:30 PM	27914	395	2.16	0.00077	ND	ND	ND	ND	ND	ND	5.1	91
09/26/18 06:00 PM	28926	394	2.15	ND	ND	ND	ND	ND	ND	ND	5.5	93
09/26/18 06:30 PM	29715	397	2.15	ND	ND	ND	ND	ND	ND	ND	4.8	73
09/26/18 07:00 PM	29699	401	2.18	0.00151	0.00353	ND	ND	ND	ND	ND	4.0	66
09/26/18 07:30 PM	28515	402	2.30	ND	0.00747	ND	ND	ND	ND	ND	3.6	27
09/26/18 08:00 PM	28006	400	2.37	ND	0.01168	ND	ND	ND	ND	ND	4.7	78
09/26/18 08:30 PM	27939	386	2.37	0.00136	0.00412	ND	ND	ND	ND	ND	6.8	78
09/26/18 09:00 PM	25281	349	2.15	ND	0.00194	ND	ND	ND	ND	ND	6.5	179
09/26/18 09:30 PM											3.4	319
09/26/18 10:00 PM	24727	350	2.10	ND	ND	ND	ND	ND	ND	ND	3.4	284
09/26/18 10:30 PM	25589	389	2.24	ND	0.00376	ND	ND	ND	ND	ND	3.7	94
09/26/18 11:00 PM	25926	398	2.25	0.00146	0.00069	0.00301	ND	ND	ND	ND	3.9	60
09/26/18 11:30 PM	26104	404	2.26	ND	0.00287	ND	ND	ND	ND	ND	4.3	56
09/27/18 12:00 AM	26336	405	2.32	0.00053	ND	ND	ND	ND	ND	ND	1.9	75
Daily Processed Summary (Average, Maximum)												
Average	27932	395	2.19	0.00021	0.00114	0.00060	BDL	BDL	0.00003	BDL	2.4	132
Maximum Value	30696	406	2.37	0.00169	0.01390	0.00976	BDL	BDL	0.00130	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/27/18 12:30 AM	26413	403	2.40	ND	0.00217	ND	ND	ND	ND	ND	2.5	133
09/27/18 01:00 AM	26111	401	2.40	ND	0.00430	ND	ND	0.00030	ND	ND	4.1	31
09/27/18 01:30 AM	26141	397	2.29	ND	0.00191	ND	ND	ND	ND	ND	3.7	132
09/27/18 02:00 AM	25706	392	2.26	ND	0.00207	0.00462	ND	ND	ND	ND	4.7	349
09/27/18 02:30 AM	25040	392	2.20	ND	0.00322	0.00268	ND	ND	ND	ND	4.7	182
09/27/18 03:00 AM	24958	392	2.18	ND	0.00142	ND	ND	ND	ND	ND	3.2	338
09/27/18 03:30 AM	25434	394	2.36	ND	ND	ND	ND	ND	ND	ND	3.4	346
09/27/18 04:00 AM	25426	396	2.33	ND	ND	ND	ND	ND	ND	ND	4.1	341
09/27/18 04:30 AM	24423	395	2.38	ND	ND	ND	ND	ND	ND	ND	5.2	340
09/27/18 05:00 AM	23539	397	2.37	ND	ND	ND	ND	ND	ND	ND	5.3	343
09/27/18 05:30 AM	22114	397	2.33	0.00072	ND	ND	ND	ND	ND	ND	6.5	346
09/27/18 06:00 AM	21037	376	2.27	0.00137	ND	ND	ND	ND	ND	ND	4.8	339
09/27/18 06:30 AM	20707	395	2.31	ND	ND	ND	ND	ND	ND	ND	4.7	338
09/27/18 07:00 AM	20068	393	2.30	ND	ND	ND	ND	ND	ND	ND	4.8	343
09/27/18 07:30 AM	19972	401	2.30	ND	ND	ND	ND	ND	ND	ND	4.1	341
09/27/18 08:00 AM	19971	401	2.30	ND	ND	ND	ND	ND	ND	ND	4.6	343
09/27/18 08:30 AM	19476	401	2.32	0.00235	ND	ND	ND	ND	ND	ND	5.6	344
09/27/18 09:00 AM	19368	400	2.35	ND	ND	ND	ND	ND	ND	ND	4.4	339
09/27/18 09:30 AM	19124	399	2.33	ND	ND	ND	ND	ND	ND	ND	5.7	341
09/27/18 10:00 AM	19262	400	2.33	ND	ND	ND	ND	ND	ND	ND	6.5	348
09/27/18 10:30 AM	19474	401	2.34	ND	ND	ND	ND	ND	ND	ND	7.2	346
09/27/18 11:00 AM	19594	402	2.34	ND	ND	ND	ND	ND	ND	ND	6.9	290
09/27/18 11:30 AM	19524	397	2.33	ND	ND	ND	ND	ND	ND	0.00547	6.2	349
09/27/18 12:00 PM	20311	400	2.35	ND	ND	0.00662	ND	0.00042	ND	ND	5.2	342
09/27/18 12:30 PM	20143	401	2.34	ND	ND	ND	ND	ND	ND	ND	5.3	335
09/27/18 01:00 PM	20347	398	2.35	ND	ND	0.00616	ND	ND	ND	ND	7.1	348
09/27/18 01:30 PM	20855	397	2.36	ND	ND	ND	ND	ND	ND	ND	5.5	337
09/27/18 02:00 PM	21149	397	2.34	ND	ND	ND	ND	ND	ND	ND	4.1	333
09/27/18 02:30 PM	20909	395	2.33	ND	ND	ND	ND	ND	ND	ND	3.2	285
09/27/18 03:00 PM	21088	393	2.33	ND	ND	ND	ND	ND	ND	ND	4.7	339
09/27/18 03:30 PM	21339	394	2.33	ND	ND	ND	ND	ND	ND	ND	4.9	341
09/27/18 04:00 PM	22189	397	2.33	ND	ND	ND	ND	ND	ND	ND	4.5	313
09/27/18 04:30 PM	22255	397	2.32	ND	ND	ND	ND	ND	ND	ND	4.6	331
09/27/18 05:00 PM	22194	396	2.32	ND	ND	ND	ND	ND	ND	ND	4.1	340
09/27/18 05:30 PM	22114	396	2.31	ND	ND	ND	ND	0.00071	ND	ND	5.8	348
09/27/18 06:00 PM	21923	394	2.31	ND	ND	ND	ND	ND	ND	ND	4.5	341
09/27/18 06:30 PM	22506	395	2.33	ND	ND	0.00251	ND	ND	ND	ND	2.7	287
09/27/18 07:00 PM	22442	394	2.29	ND	ND	ND	ND	ND	ND	ND	2.8	335
09/27/18 07:30 PM	22722	394	2.31	ND	ND	ND	ND	ND	ND	ND	1.8	321
09/27/18 08:00 PM	22636	397	2.33	ND	ND	ND	ND	ND	ND	ND	2.0	342
09/27/18 08:30 PM	22315	397	2.31	0.00067	ND	0.00425	ND	ND	ND	ND	1.5	87
09/27/18 09:00 PM	22244	397	2.31	ND	ND	0.00196	0.00233	ND	ND	ND	2.3	236
09/27/18 09:30 PM	22211	397	2.31	ND	ND	0.00484	ND	ND	ND	ND	1.7	179
09/27/18 10:00 PM	22197	398	2.33	0.00224	ND	0.00247	ND	ND	ND	ND	2.2	73
09/27/18 10:30 PM	22399	398	2.35	0.00125	ND	ND	ND	ND	ND	ND	2.9	248
09/27/18 11:00 PM	22533	399	2.37	ND	0.00063	ND	ND	ND	ND	ND	1.8	93
09/27/18 11:30 PM	22227	401	2.35	0.00054	0.00336	ND	ND	ND	0.00054	ND	1.8	179
09/28/18 12:00 AM	22389	403	2.37	ND	0.00204	ND	ND	ND	0.00184	ND	1.9	129

## Daily Processed Summary (Average, Maximum)

Average	22053	397	2.33	0.00019	0.00044	0.00075	0.00005	0.00001	0.00006	0.00011	3.1	339
Maximum Value	26413	403	2.40	0.00235	0.00430	0.00662	0.00233	0.00042	0.00184	0.00547		

BDL = Below Detection Limit

Blank = Not Available



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCI (ppm)	VCI (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/28/18 12:30 AM	22490	404	2.36	ND	0.00256	ND	ND	ND	ND	ND	1.7	267
09/28/18 01:00 AM	22550	405	2.40	ND	0.00109	ND	ND	ND	ND	ND	1.7	79
09/28/18 01:30 AM	21787	400	2.33	ND	0.00677	ND	ND	ND	ND	ND	3.7	33
09/28/18 02:00 AM	22081	403	2.36	ND	0.00656	ND	ND	ND	ND	ND	3.1	29
09/28/18 02:30 AM	22364	406	2.42	ND	0.00651	ND	ND	ND	ND	ND	3.2	130
09/28/18 03:00 AM	22703	409	2.50	ND	ND	ND	ND	ND	0.00051	ND	2.4	235
09/28/18 03:30 AM	22568	409	2.49	ND	ND	ND	ND	ND	ND	ND	3.2	348
09/28/18 04:00 AM	22657	408	2.50	ND	ND	0.00136	ND	ND	ND	ND	3.0	356
09/28/18 04:30 AM	22809	414	2.70	ND	ND	ND	ND	ND	ND	ND	3.0	351
09/28/18 05:00 AM	23095	418	2.81	ND	0.00068	ND	ND	ND	ND	ND	2.2	235
09/28/18 05:30 AM	23156	420	2.74	ND	ND	ND	ND	ND	ND	ND	2.7	287
09/28/18 06:00 AM	23411	422	2.69	ND	0.00105	ND	ND	ND	ND	ND	2.8	289
09/28/18 06:30 AM	23756	422	2.66	ND	0.00998	ND	ND	ND	ND	ND	3.2	19
09/28/18 07:00 AM	23718	416	2.61	ND	0.00880	ND	ND	0.00029	ND	ND	3.8	27
09/28/18 07:30 AM	23832	414	2.58	ND	0.00954	ND	ND	ND	ND	ND	4.5	31
09/28/18 08:00 AM	24217	418	2.59	ND	0.00674	ND	ND	ND	ND	ND	3.6	34
09/28/18 08:30 AM	24357	414	2.58	ND	ND	ND	ND	ND	ND	ND	4.5	26
09/28/18 09:00 AM	24636	416	2.57	ND	ND	0.00257	0.00212	ND	ND	ND	3.9	28
09/28/18 09:30 AM	25006	415	2.56	ND	0.00117	ND	0.00232	ND	ND	ND	3.2	29
09/28/18 10:00 AM	25552	416	2.56	0.00097	0.00072	ND	ND	ND	ND	ND	3.2	20
09/28/18 10:30 AM	25907	412	2.54	ND	ND	ND	ND	ND	ND	ND	4.1	31
09/28/18 11:00 AM	26044	411	2.54	ND	ND	ND	ND	ND	ND	ND	3.8	134
09/28/18 11:30 AM											4.2	292
09/28/18 12:00 PM											4.1	181
09/28/18 12:30 PM											3.7	27
09/28/18 01:00 PM												
09/28/18 01:30 PM	25934	353	2.27	ND	ND	ND	ND	ND	ND	ND	4.8	61
09/28/18 02:00 PM	26033	348	2.21	ND	ND	ND	ND	ND	ND	ND	5.3	83
09/28/18 02:30 PM	25951	344	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	79
09/28/18 03:00 PM	24656	345	2.12	ND	ND	ND	ND	ND	ND	ND	6.0	81
09/28/18 03:30 PM	24270	348	2.08	ND	ND	0.00241	ND	ND	ND	ND	5.0	90
09/28/18 04:00 PM	25222	349	2.18	ND	ND	ND	ND	ND	ND	ND	5.5	87
09/28/18 04:30 PM	25007	349	2.12	ND	ND	ND	ND	ND	ND	ND	5.0	90
09/28/18 05:00 PM	25505	349	2.15	ND	ND	ND	ND	ND	ND	ND	5.3	85
09/28/18 05:30 PM	26211	347	2.20	ND	ND	ND	ND	ND	ND	ND	5.1	78
09/28/18 06:00 PM	26204	349	2.17	ND	ND	ND	ND	ND	ND	ND	4.5	68
09/28/18 06:30 PM	25555	350	2.13	ND	ND	ND	ND	ND	ND	ND	4.9	67
09/28/18 07:00 PM	24212	349	2.08	ND	ND	ND	ND	ND	ND	ND	5.7	77
09/28/18 07:30 PM	26018	348	2.17	ND	ND	ND	ND	ND	ND	ND	5.1	80
09/28/18 08:00 PM	26167	352	2.21	ND	ND	ND	ND	ND	ND	0.00732	4.6	68
09/28/18 08:30 PM	26260	350	2.22	0.00262	ND	ND	ND	ND	ND	ND	5.0	69
09/28/18 09:00 PM	26371	344	2.22	ND	ND	ND	ND	ND	ND	ND	5.9	76
09/28/18 09:30 PM	25886	340	2.15	ND	ND	ND	ND	ND	ND	ND	6.3	87
09/28/18 10:00 PM	24339	343	2.03	0.00061	ND	ND	ND	ND	ND	ND	5.5	85
09/28/18 10:30 PM	25090	347	2.04	ND	ND	ND	ND	ND	ND	0.00670	3.7	70
09/28/18 11:00 PM	24362	347	2.04	ND	ND	ND	ND	ND	ND	ND	4.8	69
09/28/18 11:30 PM	24916	347	2.04	0.00061	ND	ND	ND	ND	ND	ND	5.3	75
09/29/18 12:00 AM	24407	346	2.05	ND	ND	ND	ND	ND	ND	ND	4.5	80

## Daily Processed Summary (Average, Maximum)

Average	24484	380	2.34	0.00010	0.00130	0.00010	0.00012	0.00001	0.00001	0.00029	2.9	62
Maximum Value	26371	422	2.81	0.00262	0.00998	0.00257	0.00232	0.00029	0.00051	0.00732		

BDL = Below Detection Limit

Blank = Not Available

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/29/18 12:30 AM	23917	348	2.05	ND	ND	ND	ND	ND	ND	ND	4.2	82
09/29/18 01:00 AM	25091	349	2.06	ND	ND	ND	ND	ND	ND	ND	3.9	68
09/29/18 01:30 AM	26307	346	2.05	ND	ND	ND	ND	ND	ND	ND	4.0	67
09/29/18 02:00 AM	27034	350	2.09	ND	0.00247	ND	ND	0.00724	ND	ND	4.1	53
09/29/18 02:30 AM	26918	351	2.13	ND	0.00549	ND	ND	0.00772	ND	ND	3.4	35
09/29/18 03:00 AM	26799	354	2.18	ND	0.00786	ND	ND	0.00541	ND	ND	3.4	30
09/29/18 03:30 AM	26571	355	2.21	ND	0.01261	ND	ND	0.00221	ND	ND	3.5	73
09/29/18 04:00 AM	26309	349	2.19	ND	0.01065	ND	ND	0.00226	ND	ND	3.1	289
09/29/18 04:30 AM	26175	352	2.18	ND	ND	ND	ND	0.00387	ND	ND	3.3	335
09/29/18 05:00 AM	14922	126	1.26	ND	ND	ND	ND	ND	ND	ND	3.7	210
09/29/18 05:30 AM	18803	207	1.66	ND	ND	ND	ND	ND	ND	ND	3.7	175
09/29/18 06:00 AM	17237	222	1.72	ND	ND	ND	ND	ND	ND	ND	3.3	205
09/29/18 06:30 AM	17154	245	1.65	ND	ND	ND	ND	ND	ND	ND	3.2	111
09/29/18 07:00 AM	21382	329	2.02	ND	ND	ND	ND	ND	ND	ND	4.9	138
09/29/18 07:30 AM	21616	336	2.01	ND	ND	ND	ND	ND	ND	ND	3.6	132
09/29/18 08:00 AM	20832	343	2.01	ND	ND	ND	ND	ND	ND	ND	2.1	86
09/29/18 08:30 AM	22206	349	2.10	ND	ND	ND	ND	ND	ND	ND	3.1	163
09/29/18 09:00 AM	22895	342	2.04	ND	ND	ND	ND	ND	ND	ND	2.5	156
09/29/18 09:30 AM	22500	341	2.02	ND	ND	ND	ND	ND	ND	ND	1.2	152
09/29/18 10:00 AM	22818	343	2.06	ND	ND	ND	ND	ND	ND	ND	2.4	125
09/29/18 10:30 AM	23797	346	2.15	ND	ND	ND	ND	ND	ND	ND	3.6	19
09/29/18 11:00 AM	24317	346	2.13	ND	ND	ND	ND	ND	ND	ND	5.4	35
09/29/18 11:30 AM	24052	348	2.12	ND	ND	ND	ND	ND	ND	ND	4.2	59
09/29/18 12:00 PM	23818	346	2.08	ND	ND	ND	ND	ND	ND	ND	4.6	62
09/29/18 12:30 PM	24161	337	2.08	ND	ND	ND	ND	ND	ND	ND	6.2	78
09/29/18 01:00 PM	23989	334	2.05	ND	ND	ND	ND	ND	ND	ND	7.3	79
09/29/18 01:30 PM	23354	339	2.04	ND	ND	ND	ND	ND	ND	ND	7.2	73
09/29/18 02:00 PM	23051	342	2.05	ND	ND	ND	ND	ND	ND	ND	6.4	68
09/29/18 02:30 PM	23114	346	2.06	ND	ND	ND	ND	ND	ND	ND	7.2	55
09/29/18 03:00 PM	23930	348	2.06	ND	ND	ND	ND	ND	ND	ND	7.9	54
09/29/18 03:30 PM	24057	348	2.06	ND	ND	ND	ND	ND	ND	ND	6.4	51
09/29/18 04:00 PM	22853	347	2.04	ND	ND	ND	ND	ND	ND	ND	8.2	73
09/29/18 04:30 PM	22887	348	2.04	ND	ND	ND	ND	ND	ND	ND	7.9	78
09/29/18 05:00 PM	23409	346	2.02	ND	ND	ND	ND	ND	ND	ND	7.1	71
09/29/18 05:30 PM	23799	349	2.04	ND	ND	ND	ND	ND	ND	ND	6.0	63
09/29/18 06:00 PM	24020	347	2.03	ND	ND	ND	ND	ND	ND	ND	5.3	69
09/29/18 06:30 PM	24305	348	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	72
09/29/18 07:00 PM	24714	348	2.06	ND	ND	ND	ND	ND	ND	ND	3.5	82
09/29/18 07:30 PM	25061	350	2.09	ND	ND	ND	ND	ND	ND	ND	3.1	81
09/29/18 08:00 PM	25212	351	2.10	ND	ND	ND	ND	ND	ND	ND	2.5	82
09/29/18 08:30 PM	24959	354	2.07	ND	ND	ND	ND	ND	ND	ND	3.3	50
09/29/18 09:00 PM	25270	357	2.11	ND	ND	ND	ND	ND	ND	ND	3.8	38
09/29/18 09:30 PM	25327	354	2.13	ND	ND	ND	ND	ND	ND	ND	4.4	35
09/29/18 10:00 PM	24904	355	2.12	ND	ND	ND	ND	ND	ND	ND	5.6	31
09/29/18 10:30 PM	24708	353	2.12	ND	ND	ND	ND	ND	ND	ND	5.4	35
09/29/18 11:00 PM	24588	354	2.16	ND	ND	ND	ND	ND	ND	ND	5.0	30
09/29/18 11:30 PM	24334	356	2.17	ND	ND	ND	ND	ND	ND	ND	5.2	33
09/30/18 12:00 AM	24353	356	2.20	ND	ND	ND	ND	ND	ND	ND	4.6	242

Daily Processed Summary (Average, Maximum)

Average	23621	335	2.04	BDL	0.00081	BDL	BDL	BDL	0.00060	BDL	3.3	67
Maximum Value	27034	357	2.21	BDL	0.01261	BDL	BDL	BDL	0.00772	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	BUT (ppm)	C2H4 (ppm)	DCA (ppm)	ETO (ppm)	HCl (ppm)	VCl (ppm)	C6H6 (ppm)	WSPD (mph)	WDIR (deg)
09/30/18 12:30 AM	24323	356	2.23	ND	ND	ND	ND	ND	ND	ND	5.5	125
09/30/18 01:00 AM	24432	364	2.27	ND	ND	ND	ND	ND	ND	ND	4.9	22
09/30/18 01:30 AM	24382	361	2.26	ND	ND	ND	ND	ND	ND	ND	3.9	15
09/30/18 02:00 AM	24559	363	2.29	ND	ND	ND	ND	ND	ND	ND	3.9	23
09/30/18 02:30 AM	24571	358	2.32	ND	ND	ND	ND	ND	ND	ND	4.6	47
09/30/18 03:00 AM	24271	356	2.38	ND	ND	ND	ND	ND	ND	ND	5.1	60
09/30/18 03:30 AM	24413	359	2.39	ND	ND	ND	ND	ND	ND	ND	4.9	56
09/30/18 04:00 AM	24707	360	2.38	ND	ND	ND	ND	ND	ND	ND	3.3	39
09/30/18 04:30 AM	24867	363	2.39	ND	ND	ND	ND	ND	ND	ND	2.6	35
09/30/18 05:00 AM	24768	360	2.44	ND	ND	ND	ND	ND	ND	ND	3.1	73
09/30/18 05:30 AM	24638	361	2.45	ND	ND	ND	ND	ND	ND	ND	2.9	180
09/30/18 06:00 AM	24662	361	2.45	ND	ND	ND	ND	ND	ND	ND	3.3	77
09/30/18 06:30 AM	24591	361	2.42	ND	ND	ND	ND	ND	ND	ND	3.4	123
09/30/18 07:00 AM	24616	361	2.44	ND	ND	ND	ND	ND	ND	ND	4.6	236
09/30/18 07:30 AM	24551	349	2.39	ND	ND	ND	ND	ND	ND	ND	5.3	295
09/30/18 08:00 AM	25005	364	2.41	ND	ND	ND	ND	ND	ND	ND	3.9	8
09/30/18 08:30 AM	25008	362	2.40	ND	ND	ND	ND	ND	ND	ND	4.1	73
09/30/18 09:00 AM	24600	360	2.37	ND	ND	ND	ND	ND	ND	ND	4.4	35
09/30/18 09:30 AM	24889	359	2.37	ND	ND	ND	ND	ND	ND	ND	4.5	33
09/30/18 10:00 AM	25304	357	2.32	ND	ND	ND	ND	ND	ND	ND	4.0	38
09/30/18 10:30 AM	25858	356	2.29	ND	ND	ND	ND	ND	ND	ND	3.6	82
09/30/18 11:00 AM	26136	354	2.24	ND	ND	ND	ND	ND	ND	ND	4.3	23
09/30/18 11:30 AM	26730	351	2.20	ND	ND	ND	ND	ND	ND	ND	4.6	37
09/30/18 12:00 PM	26655	351	2.16	ND	ND	ND	ND	ND	ND	ND	5.2	54
09/30/18 12:30 PM	26269	348	2.16	ND	ND	ND	ND	ND	ND	ND	5.5	64
09/30/18 01:00 PM	23618	343	2.07	ND	ND	ND	ND	ND	ND	ND	5.6	123
09/30/18 01:30 PM	23069	342	2.03	ND	ND	ND	ND	ND	ND	ND	6.0	165
09/30/18 02:00 PM	23236	328	2.00	ND	ND	ND	ND	ND	ND	ND	4.4	199
09/30/18 02:30 PM	23246	331	2.01	ND	ND	ND	ND	ND	ND	ND	4.7	176
09/30/18 03:00 PM	23595	343	2.04	ND	ND	ND	ND	ND	ND	ND	2.3	212
09/30/18 03:30 PM	23888	347	2.06	ND	ND	ND	ND	ND	ND	ND	1.8	175
09/30/18 04:00 PM	23803	347	2.07	ND	ND	ND	ND	ND	ND	ND	1.4	131
09/30/18 04:30 PM	24378	348	2.10	ND	ND	ND	ND	ND	ND	ND	2.5	43
09/30/18 05:00 PM	24518	345	2.10	ND	ND	ND	ND	ND	ND	ND	4.6	73
09/30/18 05:30 PM	23804	343	2.03	ND	ND	ND	ND	ND	ND	ND	3.9	81
09/30/18 06:00 PM	23907	347	2.04	ND	ND	ND	ND	ND	ND	ND	2.8	62
09/30/18 06:30 PM	23593	349	2.06	ND	ND	ND	ND	ND	ND	ND	2.8	69
09/30/18 07:00 PM	23083	348	2.05	ND	ND	ND	ND	ND	ND	ND	2.7	71
09/30/18 07:30 PM	22197	350	2.08	ND	ND	ND	ND	ND	ND	ND	2.7	40
09/30/18 08:00 PM	21971	353	2.12	ND	ND	ND	ND	ND	ND	ND	1.1	321
09/30/18 08:30 PM	22053	351	2.14	ND	ND	ND	ND	ND	ND	ND	1.2	104
09/30/18 09:00 PM	22109	353	2.17	ND	ND	ND	ND	ND	ND	ND	1.6	72
09/30/18 09:30 PM	22494	360	2.23	ND	ND	ND	ND	ND	ND	ND	1.1	105
09/30/18 10:00 PM	22013	359	2.18	ND	ND	ND	ND	ND	ND	ND	2.7	60
09/30/18 10:30 PM	22007	358	2.20	ND	ND	ND	ND	ND	ND	ND	3.6	61
09/30/18 11:00 PM	22262	358	2.24	ND	ND	ND	ND	ND	ND	ND	4.0	56
09/30/18 11:30 PM	22871	361	2.14	ND	ND	ND	ND	ND	ND	ND	3.8	53
10/01/18 12:00 AM	23143	364	2.18	ND	ND	ND	ND	ND	ND	ND	4.0	57

## Daily Processed Summary (Average, Maximum)

Average	24076	354	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	65
Maximum Value	26730	364	2.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available